

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **1188-1314 B-II-3 S-1**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

| | μm | ϕ | GRAIN SIZE DISTRIBUTION | | | |
|---------------------------------------|-------------------|---------------|-------------------------|---------------------|-------------|------------------------|
| MODE 1: | 215.0 | 2.237 | GRAVEL: 1.0% | COARSE SAND: 5.4% | | |
| MODE 2: | | | SAND: 98.9% | MEDIUM SAND: 45.1% | | |
| MODE 3: | | | MUD: 0.1% | FINE SAND: 44.9% | | |
| D ₁₀ : | 156.2 | 1.062 | | V FINE SAND: 2.0% | | |
| MEDIAN or D ₅₀ : | 259.3 | 1.947 | V COARSE GRAVEL: 0.0% | V COARSE SILT: 0.0% | | |
| D ₉₀ : | 478.8 | 2.678 | COARSE GRAVEL: 0.0% | COARSE SILT: 0.0% | | |
| (D ₉₀ / D ₁₀): | 3.065 | 2.521 | MEDIUM GRAVEL: 0.0% | MEDIUM SILT: 0.0% | | |
| (D ₉₀ - D ₁₀): | 322.6 | 1.616 | FINE GRAVEL: 0.1% | FINE SILT: 0.0% | | |
| (D ₇₅ / D ₂₅): | 1.767 | 1.546 | V FINE GRAVEL: 0.9% | V FINE SILT: 0.0% | | |
| (D ₇₅ - D ₂₅): | 153.0 | 0.822 | V COARSE SAND: 1.5% | CLAY: 0.0% | | |
| | | | | | | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | ϕ | μm | ϕ | |
| MEAN (\bar{x}): | 335.3 | 275.8 | 1.858 | 271.1 | 1.883 | Medium Sand |
| SORTING (σ): | 341.7 | 1.679 | 0.748 | 1.561 | 0.643 | Moderately Well Sorted |
| SKEWNESS (Sk): | 6.988 | 1.103 | -1.103 | 0.161 | -0.161 | Coarse Skewed |
| KURTOSIS (K): | 67.28 | 9.200 | 9.200 | 1.114 | 1.114 | Leptokurtic |

GRAIN SIZE DISTRIBUTION