

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-60-360**

ANALYST & DATE: ,

SAMPLE TYPE: Trimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Fine Sand

| | μm | ϕ | GRAIN SIZE DISTRIBUTION | | | |
|---------------------------------------|-------------------|---------------|-------------------------|---------------------|-------------|--------------------|
| MODE 1: | 215.0 | 2.237 | GRAVEL: 17.3% | COARSE SAND: 7.7% | | |
| MODE 2: | 107.5 | 3.237 | SAND: 81.0% | MEDIUM SAND: 20.3% | | |
| MODE 3: | 3400.0 | -1.743 | MUD: 1.7% | FINE SAND: 27.5% | | |
| D ₁₀ : | 102.3 | -1.586 | | V FINE SAND: 16.6% | | |
| MEDIAN or D ₅₀ : | 279.5 | 1.839 | V COARSE GRAVEL: 0.0% | V COARSE SILT: 0.3% | | |
| D ₉₀ : | 3001.8 | 3.288 | COARSE GRAVEL: 0.0% | COARSE SILT: 0.3% | | |
| (D ₉₀ / D ₁₀): | 29.33 | -2.074 | MEDIUM GRAVEL: 0.0% | MEDIUM SILT: 0.3% | | |
| (D ₉₀ - D ₁₀): | 2899.4 | 4.874 | FINE GRAVEL: 4.3% | FINE SILT: 0.3% | | |
| (D ₇₅ / D ₂₅): | 7.224 | -17.128 | V FINE GRAVEL: 13.0% | V FINE SILT: 0.3% | | |
| (D ₇₅ - D ₂₅): | 960.9 | 2.853 | V COARSE SAND: 9.0% | CLAY: 0.3% | | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | ϕ | μm | ϕ | |
| MEAN (\bar{x}): | 917.9 | 389.7 | 1.360 | 414.6 | 1.270 | Medium Sand |
| SORTING (σ): | 1261.6 | 3.705 | 1.890 | 3.648 | 1.867 | Poorly Sorted |
| SKEWNESS (Sk): | 1.781 | 0.170 | -0.170 | 0.404 | -0.404 | Very Coarse Skewed |
| KURTOSIS (K): | 5.125 | 2.972 | 2.972 | 0.778 | 0.778 | Platykurtic |

GRAIN SIZE DISTRIBUTION