

| | | | | | | |
|---|-------------------|---------------|---------------------------------|--------------------|---------------------|--------------------|
| SIEVING ERROR: 0.2% | | | <u>SAMPLE STATISTICS</u> | | | |
| SAMPLE IDENTITY: SR-71-60 | | | ANALYST & DATE: , | | | |
| SAMPLE TYPE: Bimodal, Poorly Sorted | | | TEXTURAL GROUP: Gravelly Sand | | | |
| SEDIMENT NAME: Very Fine Gravelly Medium Sand | | | | | | |
| | μm | ϕ | GRAIN SIZE DISTRIBUTION | | | |
| MODE 1: | 427.5 | 1.247 | GRAVEL: 8.7% | | COARSE SAND: 21.3% | |
| MODE 2: | 2400.0 | -1.243 | SAND: 91.2% | | MEDIUM SAND: 47.5% | |
| MODE 3: | | | MUD: 0.1% | | FINE SAND: 13.4% | |
| D ₁₀ : | 222.2 | -0.849 | | | V FINE SAND: 0.3% | |
| MEDIAN or D ₅₀ : | 431.0 | 1.214 | V COARSE GRAVEL: 0.0% | | V COARSE SILT: 0.0% | |
| D ₉₀ : | 1801.6 | 2.170 | COARSE GRAVEL: 0.0% | | COARSE SILT: 0.0% | |
| (D ₉₀ / D ₁₀): | 8.107 | -2.555 | MEDIUM GRAVEL: 0.0% | | MEDIUM SILT: 0.0% | |
| (D ₉₀ - D ₁₀): | 1579.3 | 3.019 | FINE GRAVEL: 1.5% | | FINE SILT: 0.0% | |
| (D ₇₅ / D ₂₅): | 2.282 | 3.185 | V FINE GRAVEL: 7.1% | | V FINE SILT: 0.0% | |
| (D ₇₅ - D ₂₅): | 385.1 | 1.190 | V COARSE SAND: 8.6% | | CLAY: 0.0% | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | ϕ | μm | ϕ | |
| MEAN (\bar{x}): | 747.0 | 507.5 | 0.979 | 499.0 | 1.003 | Medium Sand |
| SORTING (σ): | 853.7 | 2.182 | 1.125 | 2.144 | 1.100 | Poorly Sorted |
| SKEWNESS (Sk): | 2.774 | 0.813 | -0.813 | 0.340 | -0.340 | Very Coarse Skewed |
| KURTOSIS (K): | 11.11 | 4.189 | 4.189 | 1.306 | 1.306 | Leptokurtic |

