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|---|-------------------|---------------|--|--------------------|---------------------|------------------------|
| SIEVING ERROR: 0.0% | | | <u>SAMPLE STATISTICS</u> | | | |
| SAMPLE IDENTITY: SR-118 210 | | | ANALYST & DATE: , | | | |
| SAMPLE TYPE: Unimodal, Moderately Well Sorted | | | TEXTURAL GROUP: Slightly Gravelly Sand | | | |
| SEDIMENT NAME: Slightly Fine Gravelly Medium Sand | | | | | | |
| | μm | ϕ | GRAIN SIZE DISTRIBUTION | | | |
| MODE 1: | 302.5 | 1.747 | GRAVEL: 4.2% | | COARSE SAND: 6.3% | |
| MODE 2: | | | SAND: 95.8% | | MEDIUM SAND: 85.8% | |
| MODE 3: | | | MUD: 0.1% | | FINE SAND: 1.1% | |
| D ₁₀ : | 260.6 | 0.643 | | | V FINE SAND: 0.1% | |
| MEDIAN or D ₅₀ : | 314.8 | 1.668 | V COARSE GRAVEL: 0.0% | | V COARSE SILT: 0.0% | |
| D ₉₀ : | 640.3 | 1.940 | COARSE GRAVEL: 0.0% | | COARSE SILT: 0.0% | |
| (D ₉₀ / D ₁₀): | 2.457 | 3.016 | MEDIUM GRAVEL: 0.0% | | MEDIUM SILT: 0.0% | |
| (D ₉₀ - D ₁₀): | 379.7 | 1.297 | FINE GRAVEL: 2.5% | | FINE SILT: 0.0% | |
| (D ₇₅ / D ₂₅): | 1.266 | 1.227 | V FINE GRAVEL: 1.7% | | V FINE SILT: 0.0% | |
| (D ₇₅ - D ₂₅): | 74.44 | 0.340 | V COARSE SAND: 2.6% | | CLAY: 0.0% | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | ϕ | μm | ϕ | |
| MEAN (\bar{x}): | 523.0 | 374.8 | 1.416 | 337.9 | 1.565 | Medium Sand |
| SORTING (σ): | 782.5 | 1.803 | 0.850 | 1.503 | 0.588 | Moderately Well Sorted |
| SKEWNESS (Sk): | 4.584 | 2.807 | -2.807 | 0.582 | -0.582 | Very Coarse Skewed |
| KURTOSIS (K): | 23.88 | 12.58 | 12.58 | 3.139 | 3.139 | Extremely Leptokurtic |

