

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR 106-180**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, Very 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: 1.2% | COARSE SAND: 3.6% | | |
| MODE 2: | | | SAND: 98.7% | MEDIUM SAND: 91.0% | | |
| MODE 3: | | | MUD: 0.1% | FINE SAND: 2.7% | | |
| D_{10} : | 257.2 | 1.374 | | V FINE SAND: 0.3% | | |
| MEDIAN or D_{50} : | 303.0 | 1.723 | V COARSE GRAVEL: 0.0% | V COARSE SILT: 0.0% | | |
| D_{90} : | 385.8 | 1.959 | COARSE GRAVEL: 0.0% | COARSE SILT: 0.0% | | |
| (D_{90} / D_{10}) : | 1.500 | 1.426 | MEDIUM GRAVEL: 0.0% | MEDIUM SILT: 0.0% | | |
| $(D_{90} - D_{10})$: | 128.6 | 0.585 | FINE GRAVEL: 0.9% | FINE SILT: 0.0% | | |
| (D_{75} / D_{25}) : | 1.227 | 1.187 | V FINE GRAVEL: 0.4% | V FINE SILT: 0.0% | | |
| $(D_{75} - D_{25})$: | 62.13 | 0.295 | V COARSE SAND: 1.2% | CLAY: 0.0% | | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic μm | Geometric μm | Logarithmic ϕ | Geometric μm | Logarithmic ϕ | Description |
| MEAN (\bar{x}): | 380.6 | 323.2 | 1.629 | 303.0 | 1.723 | Medium Sand |
| SORTING (σ): | 464.1 | 1.478 | 0.564 | 1.216 | 0.282 | Very Well Sorted |
| SKEWNESS (Sk): | 8.277 | 3.504 | -3.504 | 0.278 | -0.278 | Coarse Skewed |
| KURTOSIS (K): | 75.58 | 32.00 | 32.00 | 1.665 | 1.665 | Very Leptokurtic |

GRAIN SIZE DISTRIBUTION