

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-2_350**

ANALYST & DATE: TB/RM, 8/16/91

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

| | μm | ϕ | GRAIN SIZE DISTRIBUTION | | | |
|-----------------------|-------------------|---------------|-------------------------|---------------------|-------------|-------------------|
| MODE 1: | 273.5 | 1.876 | GRAVEL: 0.0% | COARSE SAND: 19.1% | | |
| MODE 2: | 193.5 | 2.375 | SAND: 99.7% | MEDIUM SAND: 32.9% | | |
| MODE 3: | 547.5 | 0.875 | MUD: 0.3% | FINE SAND: 39.0% | | |
| D_{10} : | 133.1 | 0.576 | | V FINE SAND: 7.0% | | |
| MEDIAN or D_{50} : | 261.2 | 1.937 | V COARSE GRAVEL: 0.0% | V COARSE SILT: 0.3% | | |
| D_{90} : | 670.7 | 2.910 | COARSE GRAVEL: 0.0% | COARSE SILT: 0.0% | | |
| (D_{90} / D_{10}) : | 5.040 | 5.050 | MEDIUM GRAVEL: 0.0% | MEDIUM SILT: 0.0% | | |
| $(D_{90} - D_{10})$: | 537.7 | 2.333 | FINE GRAVEL: 0.0% | FINE SILT: 0.0% | | |
| (D_{75} / D_{25}) : | 2.510 | 2.145 | V FINE GRAVEL: 0.0% | V FINE SILT: 0.0% | | |
| $(D_{75} - D_{25})$: | 269.3 | 1.327 | V COARSE SAND: 1.7% | CLAY: 0.0% | | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | ϕ | μm | ϕ | |
| MEAN (\bar{x}): | 339.1 | 278.8 | 1.843 | 281.0 | 1.831 | Medium Sand |
| SORTING (σ): | 226.3 | 1.840 | 0.880 | 1.872 | 0.905 | Moderately Sorted |
| SKEWNESS (Sk): | 1.412 | 0.277 | -0.277 | 0.172 | -0.172 | Coarse Skewed |
| KURTOSIS (K): | 4.483 | 2.432 | 2.432 | 0.891 | 0.891 | Platykurtic |

GRAIN SIZE DISTRIBUTION