

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-13_250**

ANALYST & DATE: TB/RB, 8/17/91

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

| | μm | ϕ | GRAIN SIZE DISTRIBUTION | | | |
|-----------------------|-------------------|---------------|-------------------------|---------------------|-------------|-------------|
| MODE 1: | 193.5 | 2.375 | GRAVEL: 0.0% | COARSE SAND: 0.3% | | |
| MODE 2: | | | SAND: 99.5% | MEDIUM SAND: 10.5% | | |
| MODE 3: | | | MUD: 0.5% | FINE SAND: 72.1% | | |
| D_{10} : | 112.5 | 1.973 | | V FINE SAND: 16.6% | | |
| MEDIAN or D_{50} : | 168.6 | 2.568 | V COARSE GRAVEL: 0.0% | V COARSE SILT: 0.5% | | |
| D_{90} : | 254.8 | 3.152 | COARSE GRAVEL: 0.0% | COARSE SILT: 0.0% | | |
| (D_{90} / D_{10}) : | 2.265 | 1.598 | MEDIUM GRAVEL: 0.0% | MEDIUM SILT: 0.0% | | |
| $(D_{90} - D_{10})$: | 142.3 | 1.180 | FINE GRAVEL: 0.0% | FINE SILT: 0.0% | | |
| (D_{75} / D_{25}) : | 1.492 | 1.250 | V FINE GRAVEL: 0.0% | V FINE SILT: 0.0% | | |
| $(D_{75} - D_{25})$: | 66.60 | 0.577 | V COARSE SAND: 0.0% | CLAY: 0.0% | | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic | Geometric | Logarithmic | Geometric | Logarithmic | Description |
| | μm | μm | ϕ | μm | ϕ | |
| MEAN (\bar{x}): | 177.4 | 167.5 | 2.578 | 167.1 | 2.582 | Fine Sand |
| SORTING (σ): | 62.31 | 1.385 | 0.470 | 1.357 | 0.441 | Well Sorted |
| SKEWNESS (Sk): | 1.954 | 0.012 | -0.012 | -0.008 | 0.008 | Symmetrical |
| KURTOSIS (K): | 11.95 | 4.496 | 4.496 | 1.045 | 1.045 | Mesokurtic |

GRAIN SIZE DISTRIBUTION