

SIEVING ERROR: 0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-15\_150**

ANALYST &amp; DATE: TB/RM, 8/20/91

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 0.8%		
MODE 2:	273.5	1.876	SAND: 100.0%	MEDIUM SAND: 24.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 72.0%		
D <sub>10</sub> :	150.1	1.796		V FINE SAND: 2.2%		
MEDIAN or D <sub>50</sub> :	201.7	2.309	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	288.0	2.736	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.919	1.523	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	137.9	0.940	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.403	1.245	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	72.25	0.488	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic $\mu\text{m}$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Description
MEAN ( $\bar{x}$ ):	218.5	208.7	2.260	207.7	2.267	Fine Sand
SORTING ( $\sigma$ ):	73.02	1.321	0.402	1.300	0.378	Well Sorted
SKEWNESS ( $Sk$ ):	3.495	0.640	-0.640	0.116	-0.116	Coarse Skewed
KURTOSIS ( $K$ ):	28.56	5.813	5.813	1.063	1.063	Mesokurtic

**GRAIN SIZE DISTRIBUTION**