

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-15\_25**

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: 22.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 74.4%		
$D_{10}$ :	148.6	1.811		V FINE SAND: 2.4%		
MEDIAN or $D_{50}$ :	198.4	2.334	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	285.1	2.751	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	1.918	1.519	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	136.5	0.940	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.410	1.244	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	71.08	0.495	V COARSE SAND: 0.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	214.3	204.4	2.291	203.5	2.297	Fine Sand
SORTING ( $\sigma$ ):	74.80	1.325	0.406	1.300	0.379	Well Sorted
SKEWNESS ( $Sk$ ):	3.981	0.763	-0.763	0.103	-0.103	Coarse Skewed
KURTOSIS ( $K$ ):	34.23	6.364	6.364	1.027	1.027	Mesokurtic

**GRAIN SIZE DISTRIBUTION**