

SIEVING ERROR: 0.8%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-12\_400**

ANALYST &amp; DATE: TB/RM, 8/17/91

SAMPLE TYPE: Trimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 4.5%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 41.1%		
MODE 3:	460.0	1.126	MUD: 0.0%	FINE SAND: 52.5%		
$D_{10}$ :	161.7	1.276		V FINE SAND: 1.3%		
MEDIAN or $D_{50}$ :	238.9	2.065	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	412.9	2.629	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.553	2.060	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	251.2	1.352	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.530	1.344	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	100.5	0.613	V COARSE SAND: 0.6%	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 ( $\bar{x}$ ):	267.5	245.9	2.024	242.9	2.042	Fine Sand
SORTING ( $\sigma$ ):	132.7	1.453	0.539	1.412	0.498	Well Sorted
SKEWNESS ( $Sk$ ):	3.605	0.993	-0.993	0.147	-0.147	Coarse Skewed
KURTOSIS ( $K$ ):	23.82	5.006	5.006	1.178	1.178	Leptokurtic

**GRAIN SIZE DISTRIBUTION**