

SIEVING ERROR: 0.8%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-9\_200**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 17.3%		
MODE 2:	193.5	2.375	SAND: 99.5%	MEDIUM SAND: 39.7%		
MODE 3:	547.5	0.875	MUD: 0.5%	FINE SAND: 33.3%		
$D_{10}$ :	127.6	0.761		V FINE SAND: 8.8%		
MEDIAN or $D_{50}$ :	268.2	1.898	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
$D_{90}$ :	590.2	2.971	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	4.626	3.905	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	462.6	2.210	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	2.290	1.959	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	237.4	1.196	V COARSE SAND: 0.4%	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 ( $\bar{x}$ ):	322.9	272.5	1.876	276.4	1.855	Medium Sand
SORTING ( $\sigma$ ):	194.2	1.784	0.835	1.813	0.858	Moderately Sorted
SKEWNESS ( $Sk$ ):	1.308	-0.003	0.003	0.060	-0.060	Symmetrical
KURTOSIS ( $K$ ):	4.506	2.714	2.714	0.941	0.941	Mesokurtic

**GRAIN SIZE DISTRIBUTION**