

SIEVING ERROR: 0.6%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-9\_250**

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: 13.5%		
MODE 2:	193.5	2.375	SAND: 99.6%	MEDIUM SAND: 41.4%		
MODE 3:	460.0	1.126	MUD: 0.4%	FINE SAND: 38.1%		
$D_{10}$ :	141.2	0.839		V FINE SAND: 6.1%		
MEDIAN or $D_{50}$ :	261.2	1.937	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
$D_{90}$ :	558.9	2.825	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.960	3.366	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	417.8	1.985	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.930	1.651	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	175.5	0.949	V COARSE SAND: 0.5%	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 ( $\bar{x}$ ):	308.4	266.8	1.906	272.6	1.875	Medium Sand
SORTING ( $\sigma$ ):	178.4	1.689	0.756	1.704	0.769	Moderately Sorted
SKEWNESS ( $Sk$ ):	1.620	0.164	-0.164	0.104	-0.104	Coarse Skewed
KURTOSIS ( $K$ ):	5.873	3.153	3.153	1.098	1.098	Mesokurtic

**GRAIN SIZE DISTRIBUTION**