

SIEVING ERROR: 0.4%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-92-2\_100**

ANALYST &amp; DATE: TB/RM, 8/23/92

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 6.5%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 45.7%		
MODE 3:			MUD: 0.1%	FINE SAND: 45.2%		
$D_{10}$ :	154.7	1.137		V FINE SAND: 2.5%		
MEDIAN or $D_{50}$ :	254.1	1.976	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
$D_{90}$ :	454.8	2.692	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.939	2.368	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	300.0	1.555	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.689	1.461	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	130.8	0.757	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 ( $\bar{x}$ ):	278.3	254.1	1.977	256.8	1.961	Medium Sand
SORTING ( $\sigma$ ):	127.2	1.505	0.590	1.508	0.592	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.719	0.335	-0.335	0.060	-0.060	Symmetrical
KURTOSIS ( $K$ ):	7.406	3.182	3.182	1.072	1.072	Mesokurtic

**GRAIN SIZE DISTRIBUTION**