

SIEVING ERROR: 0.4%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-92-4\_250**

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

SAMPLE TYPE: Trimodal, 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: 16.2%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 55.8%		
MODE 3:	460.0	1.126	MUD: 0.0%	FINE SAND: 26.1%		
$D_{10}$ :	179.1	0.818		V FINE SAND: 1.5%		
MEDIAN or $D_{50}$ :	296.5	1.754	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	567.3	2.482	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.168	3.034	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	388.2	1.664	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.859	1.749	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	201.9	0.894	V COARSE SAND: 0.3%	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 ( $\bar{x}$ ):	347.5	312.9	1.676	309.0	1.694	Medium Sand
SORTING ( $\sigma$ ):	164.7	1.563	0.645	1.582	0.662	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.322	0.118	-0.118	0.116	-0.116	Coarse Skewed
KURTOSIS ( $K$ ):	5.135	2.781	2.781	0.973	0.973	Mesokurtic

**GRAIN SIZE DISTRIBUTION**