

SIEVING ERROR: -0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-93-1\_150**

ANALYST &amp; DATE: TB/RM, 7/29/1993

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 5.6%		
MODE 2:	193.5	2.375	SAND: 99.4%	MEDIUM SAND: 43.3%		
MODE 3:			MUD: 0.6%	FINE SAND: 45.0%		
$D_{10}$ :	136.2	1.179		V FINE SAND: 5.6%		
MEDIAN or $D_{50}$ :	243.6	2.038	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
$D_{90}$ :	441.8	2.876	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.243	2.440	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	305.5	1.697	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.748	1.479	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	133.4	0.806	V COARSE SAND: 0.0%	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 ( $\bar{x}$ ):	264.5	238.3	2.069	241.3	2.051	Fine Sand
SORTING ( $\sigma$ ):	125.5	1.563	0.645	1.558	0.640	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.456	0.042	-0.042	-0.006	0.006	Symmetrical
KURTOSIS ( $K$ ):	6.067	3.166	3.166	1.073	1.073	Mesokurtic

**GRAIN SIZE DISTRIBUTION**