

SIEVING ERROR: 0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-93-1\_525**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 5.3%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 33.8%		
MODE 3:	137.0	2.873	MUD: 0.0%	FINE SAND: 46.9%		
$D_{10}$ :	116.2	1.207		V FINE SAND: 13.9%		
MEDIAN or $D_{50}$ :	201.8	2.309	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	433.2	3.105	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.727	2.573	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	317.0	1.898	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	2.040	1.584	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	150.4	1.029	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 ( $\bar{x}$ ):	241.6	212.9	2.232	210.8	2.246	Fine Sand
SORTING ( $\sigma$ ):	126.7	1.630	0.705	1.642	0.716	Moderately Sorted
SKEWNESS ( $Sk$ ):	1.247	0.259	-0.259	0.152	-0.152	Coarse Skewed
KURTOSIS ( $K$ ):	4.286	2.376	2.376	0.900	0.900	Mesokurtic

**GRAIN SIZE DISTRIBUTION**