

SIEVING ERROR: 0.8%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-92-5\_193**

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

SAMPLE TYPE: Polymodal, Poorly Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Poorly Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	115.0	3.126	GRAVEL: 0.0%	COARSE SAND: 22.3%		
MODE 2:	193.5	2.375	SAND: 97.3%	MEDIUM SAND: 19.2%		
MODE 3:	547.5	0.875	MUD: 2.7%	FINE SAND: 27.1%		
$D_{10}$ :	92.17	0.245		V FINE SAND: 23.8%		
MEDIAN or $D_{50}$ :	214.3	2.223	V COARSE GRAVEL: 0.0%	V COARSE SILT: 2.7%		
$D_{90}$ :	843.8	3.439	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	9.154	14.04	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	751.6	3.194	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	4.315	3.291	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	405.8	2.109	V COARSE SAND: 5.0%	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 ( $\bar{x}$ ):	356.2	249.5	2.003	250.1	1.999	Medium Sand
SORTING ( $\sigma$ ):	305.7	2.335	1.224	2.341	1.227	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.267	0.144	-0.144	0.221	-0.221	Coarse Skewed
KURTOSIS ( $K$ ):	3.765	2.054	2.054	0.727	0.727	Platykurtic

**GRAIN SIZE DISTRIBUTION**