

SIEVING ERROR: 0.7%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-92-5\_203**

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: 16.2%		
MODE 2:	193.5	2.375	SAND: 97.0%	MEDIUM SAND: 17.9%		
MODE 3:	273.5	1.876	MUD: 3.0%	FINE SAND: 31.6%		
$D_{10}$ :	87.70	0.517		V FINE SAND: 27.7%		
MEDIAN or $D_{50}$ :	181.5	2.462	V COARSE GRAVEL: 0.0%	V COARSE SILT: 3.0%		
$D_{90}$ :	698.8	3.511	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	7.969	6.792	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	611.1	2.994	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	3.464	2.371	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	287.5	1.792	V COARSE SAND: 3.5%	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 ( $\bar{x}$ ):	299.6	213.1	2.230	219.4	2.188	Fine Sand
SORTING ( $\sigma$ ):	271.7	2.228	1.155	2.238	1.162	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.670	0.371	-0.371	0.306	-0.306	Very Coarse Skewed
KURTOSIS ( $K$ ):	5.256	2.390	2.390	0.841	0.841	Platykurtic

**GRAIN SIZE DISTRIBUTION**