

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-92-2\_5**

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

SAMPLE TYPE: Bimodal, 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: 9.7%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 48.9%		
MODE 3:			MUD: 0.1%	FINE SAND: 39.3%		
$D_{10}$ :	163.1	1.004		V FINE SAND: 1.8%		
MEDIAN or $D_{50}$ :	267.0	1.905	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
$D_{90}$ :	498.5	2.616	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.056	2.605	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	335.4	1.612	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.781	1.557	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	155.6	0.832	V COARSE SAND: 0.2%	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 ( $\bar{x}$ ):	303.6	274.0	1.868	276.1	1.857	Medium Sand
SORTING ( $\sigma$ ):	149.0	1.543	0.625	1.540	0.623	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.775	0.358	-0.358	0.116	-0.116	Coarse Skewed
KURTOSIS ( $K$ ):	7.261	3.217	3.217	0.999	0.999	Mesokurtic

**GRAIN SIZE DISTRIBUTION**