

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-92-6\_175**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 17.3%		
MODE 2:	460.0	1.126	SAND: 100.0%	MEDIUM SAND: 52.9%		
MODE 3:	193.5	2.375	MUD: 0.0%	FINE SAND: 26.3%		
$D_{10}$ :	159.8	0.811		V FINE SAND: 2.3%		
MEDIAN or $D_{50}$ :	322.4	1.633	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	570.1	2.646	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.568	3.264	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	410.3	1.835	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	2.076	1.949	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	240.0	1.054	V COARSE SAND: 1.2%	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 ( $\bar{x}$ ):	359.4	318.4	1.651	313.1	1.675	Medium Sand
SORTING ( $\sigma$ ):	178.8	1.631	0.706	1.646	0.719	Moderately Sorted
SKEWNESS ( $Sk$ ):	1.281	-0.077	0.077	-0.083	0.083	Symmetrical
KURTOSIS ( $K$ ):	5.604	2.531	2.531	0.882	0.882	Platykurtic

**GRAIN SIZE DISTRIBUTION**