

SIEVING ERROR: 0.0%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-06\_200**

ANALYST &amp; DATE: TC/RM, 8/20/91

SAMPLE TYPE: Trimodal, 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: 20.7%		
MODE 2:	460.0	1.126	SAND: 99.8%	MEDIUM SAND: 56.0%		
MODE 3:	193.5	2.375	MUD: 0.2%	FINE SAND: 21.9%		
$D_{10}$ :	188.4	0.780		V FINE SAND: 1.2%		
MEDIAN or $D_{50}$ :	328.5	1.606	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
$D_{90}$ :	582.6	2.408	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.093	3.090	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	394.2	1.629	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.866	1.835	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	219.9	0.900	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 ( $\bar{x}$ ):	367.4	333.8	1.583	334.0	1.582	Medium Sand
SORTING ( $\sigma$ ):	155.8	1.553	0.635	1.560	0.642	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	0.667	-0.313	0.313	0.029	-0.029	Symmetrical
KURTOSIS ( $K$ ):	2.828	3.047	3.047	0.926	0.926	Mesokurtic

**GRAIN SIZE DISTRIBUTION**