

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-06\_175**

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: 13.9%		
MODE 2:	193.5	2.375	SAND: 99.2%	MEDIUM SAND: 51.1%		
MODE 3:	460.0	1.126	MUD: 0.8%	FINE SAND: 31.1%		
$D_{10}$ :	162.0	0.880		V FINE SAND: 3.0%		
MEDIAN or $D_{50}$ :	283.0	1.821	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.8%		
$D_{90}$ :	543.5	2.626	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.355	2.986	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	381.5	1.746	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.977	1.770	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	203.8	0.983	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 ( $\bar{x}$ ):	322.6	288.5	1.793	293.0	1.771	Medium Sand
SORTING ( $\sigma$ ):	150.1	1.608	0.686	1.604	0.682	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	0.903	-0.308	0.308	0.062	-0.062	Symmetrical
KURTOSIS ( $K$ ):	3.400	3.326	3.326	0.919	0.919	Mesokurtic

**GRAIN SIZE DISTRIBUTION**