

SIEVING ERROR: 0.0%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-09\_100**

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

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: 7.9%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 64.7%		
MODE 3:			MUD: 0.0%	FINE SAND: 26.0%		
$D_{10}$ :	181.9	1.047		V FINE SAND: 1.4%		
MEDIAN or $D_{50}$ :	292.0	1.776	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	484.1	2.459	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.661	2.349	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	302.2	1.412	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.620	1.508	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	148.1	0.696	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 ( $\bar{x}$ ):	318.3	296.3	1.755	296.2	1.755	Medium Sand
SORTING ( $\sigma$ ):	117.8	1.453	0.539	1.470	0.555	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	0.819	-0.234	0.234	0.027	-0.027	Symmetrical
KURTOSIS ( $K$ ):	3.693	3.169	3.169	1.057	1.057	Mesokurtic

**GRAIN SIZE DISTRIBUTION**