

SIEVING ERROR: -0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-09\_50**

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: 8.4%		
MODE 2:	460.0	1.126	SAND: 100.0%	MEDIUM SAND: 64.1%		
MODE 3:	193.5	2.375	MUD: 0.0%	FINE SAND: 26.1%		
$D_{10}$ :	180.2	1.034		V FINE SAND: 1.5%		
MEDIAN or $D_{50}$ :	293.2	1.770	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	488.3	2.472	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.710	2.391	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	308.1	1.438	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.661	1.544	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	156.5	0.732	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 ( $\bar{x}$ ):	320.0	297.0	1.752	296.7	1.753	Medium Sand
SORTING ( $\sigma$ ):	120.2	1.467	0.552	1.484	0.570	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	0.762	-0.267	0.267	0.015	-0.015	Symmetrical
KURTOSIS ( $K$ ):	3.509	3.100	3.100	1.023	1.023	Mesokurtic

**GRAIN SIZE DISTRIBUTION**