

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-08\_160**

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: 14.5%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 60.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 23.7%		
$D_{10}$ :	182.0	0.864		V FINE SAND: 1.0%		
MEDIAN or $D_{50}$ :	314.5	1.669	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	549.6	2.458	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.020	2.846	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	367.6	1.594	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.691	1.613	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	173.4	0.758	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 ( $\bar{x}$ ):	346.5	317.7	1.654	314.5	1.669	Medium Sand
SORTING ( $\sigma$ ):	144.9	1.506	0.591	1.533	0.617	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.012	-0.023	0.023	0.008	-0.008	Symmetrical
KURTOSIS ( $K$ ):	3.988	2.720	2.720	1.067	1.067	Mesokurtic

**GRAIN SIZE DISTRIBUTION**