

SIEVING ERROR: 0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-06\_400**

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: 22.7%		
MODE 2:	460.0	1.126	SAND: 99.2%	MEDIUM SAND: 52.0%		
MODE 3:	193.5	2.375	MUD: 0.8%	FINE SAND: 22.6%		
$D_{10}$ :	182.2	0.699		V FINE SAND: 1.9%		
MEDIAN or $D_{50}$ :	323.2	1.629	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.8%		
$D_{90}$ :	616.0	2.457	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.381	3.514	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	433.8	1.758	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.945	1.915	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	234.8	0.960	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 ( $\bar{x}$ ):	369.6	329.5	1.602	331.9	1.591	Medium Sand
SORTING ( $\sigma$ ):	169.7	1.632	0.706	1.619	0.696	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	0.672	-0.488	0.488	0.047	-0.047	Symmetrical
KURTOSIS ( $K$ ):	2.729	3.534	3.534	0.946	0.946	Mesokurtic

**GRAIN SIZE DISTRIBUTION**