

SIEVING ERROR: 0.6%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-07\_5**

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

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 8.0%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 70.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 21.0%		
$D_{10}$ :	201.4	1.042		V FINE SAND: 0.9%		
MEDIAN or $D_{50}$ :	295.7	1.758	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	485.7	2.312	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.411	2.219	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	284.3	1.270	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.535	1.456	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	136.2	0.618	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 ( $\bar{x}$ ):	326.7	307.5	1.701	309.6	1.691	Medium Sand
SORTING ( $\sigma$ ):	111.5	1.404	0.489	1.402	0.487	Well Sorted
SKEWNESS ( $Sk$ ):	0.878	-0.166	0.166	0.150	-0.150	Coarse Skewed
KURTOSIS ( $K$ ):	3.824	3.473	3.473	1.065	1.065	Mesokurtic

**GRAIN SIZE DISTRIBUTION**