

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-07\_25**

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: 9.5%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 71.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 18.2%		
$D_{10}$ :	207.7	1.009		V FINE SAND: 0.6%		
MEDIAN or $D_{50}$ :	304.2	1.717	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	496.8	2.267	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.391	2.246	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	289.1	1.258	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.553	1.484	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	143.4	0.635	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 ( $\bar{x}$ ):	336.7	316.7	1.659	319.8	1.645	Medium Sand
SORTING ( $\sigma$ ):	117.0	1.405	0.491	1.398	0.484	Well Sorted
SKEWNESS ( $Sk$ ):	0.993	-0.098	0.098	0.162	-0.162	Coarse Skewed
KURTOSIS ( $K$ ):	4.165	3.602	3.602	1.045	1.045	Mesokurtic

**GRAIN SIZE DISTRIBUTION**