

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-13\_150**

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

SAMPLE TYPE: Bimodal, 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: 5.6%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 56.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 37.8%		
$D_{10}$ :	183.2	1.173		V FINE SAND: 0.4%		
MEDIAN or $D_{50}$ :	267.6	1.902	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	443.4	2.449	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.421	2.087	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	260.2	1.275	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.543	1.389	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	115.4	0.626	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 ( $\bar{x}$ ):	292.1	273.5	1.871	271.1	1.883	Medium Sand
SORTING ( $\sigma$ ):	114.7	1.407	0.492	1.405	0.491	Well Sorted
SKEWNESS ( $Sk$ ):	1.945	0.567	-0.567	0.113	-0.113	Coarse Skewed
KURTOSIS ( $K$ ):	8.739	3.721	3.721	1.060	1.060	Mesokurtic

**GRAIN SIZE DISTRIBUTION**