

SIEVING ERROR: -0.4%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-13\_375**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 1.9%		
MODE 2:	273.5	1.876	SAND: 99.9%	MEDIUM SAND: 31.5%		
MODE 3:			MUD: 0.1%	FINE SAND: 64.8%		
$D_{10}$ :	155.3	1.690		V FINE SAND: 1.6%		
MEDIAN or $D_{50}$ :	209.0	2.259	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
$D_{90}$ :	310.0	2.687	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	1.996	1.590	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	154.7	0.997	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.469	1.291	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	85.25	0.555	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic $\mu\text{m}$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Description
MEAN ( $\bar{x}$ ):	233.1	220.3	2.182	215.6	2.213	Fine Sand
SORTING ( $\sigma$ ):	87.35	1.365	0.449	1.330	0.411	Well Sorted
SKEWNESS ( $Sk$ ):	2.834	0.659	-0.659	0.188	-0.188	Coarse Skewed
KURTOSIS ( $K$ ):	16.83	5.331	5.331	1.063	1.063	Mesokurtic

**GRAIN SIZE DISTRIBUTION**