

SIEVING ERROR: 0.4%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-03\_275**

ANALYST &amp; DATE: SA/RM, 8/19/91

SAMPLE TYPE: Bimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	547.5	0.875	GRAVEL: 2.1%	COARSE SAND: 37.2%		
MODE 2:	273.5	1.876	SAND: 97.9%	MEDIUM SAND: 42.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 8.1%		
$D_{10}$ :	256.2	-0.135		V FINE SAND: 0.3%		
MEDIAN or $D_{50}$ :	497.6	1.007	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	1098.0	1.965	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	4.286	-14.572	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	841.8	2.100	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	2.199	3.400	V FINE GRAVEL: 2.1%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	392.6	1.137	V COARSE SAND: 10.4%	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 ( $\bar{x}$ ):	608.4	506.8	0.980	502.7	0.992	Coarse Sand
SORTING ( $\sigma$ ):	420.3	1.783	0.835	1.796	0.845	Moderately Sorted
SKEWNESS ( $Sk$ ):	2.253	0.366	-0.366	0.064	-0.064	Symmetrical
KURTOSIS ( $K$ ):	9.468	3.070	3.070	1.000	1.000	Mesokurtic

**GRAIN SIZE DISTRIBUTION**