

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-13\_378**

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: 2.6%		
MODE 2:	273.5	1.876	SAND: 99.9%	MEDIUM SAND: 36.1%		
MODE 3:			MUD: 0.1%	FINE SAND: 59.8%		
$D_{10}$ :	160.6	1.571		V FINE SAND: 1.1%		
MEDIAN or $D_{50}$ :	220.6	2.180	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
$D_{90}$ :	336.6	2.639	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.097	1.680	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	176.1	1.068	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.482	1.306	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	89.78	0.568	V COARSE SAND: 0.3%	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 ( $\bar{x}$ ):	246.7	230.8	2.115	225.1	2.152	Fine Sand
SORTING ( $\sigma$ ):	108.2	1.394	0.479	1.332	0.414	Well Sorted
SKEWNESS ( $Sk$ ):	3.851	0.982	-0.982	0.180	-0.180	Coarse Skewed
KURTOSIS ( $K$ ):	27.33	6.152	6.152	1.088	1.088	Mesokurtic

**GRAIN SIZE DISTRIBUTION**