

SIEVING ERROR: -0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-13\_385**

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: 2.8%		
MODE 2:	273.5	1.876	SAND: 100.0%	MEDIUM SAND: 31.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 64.3%		
$D_{10}$ :	154.9	1.614		V FINE SAND: 1.4%		
MEDIAN or $D_{50}$ :	210.3	2.250	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	326.8	2.690	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.110	1.667	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	171.9	1.077	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.486	1.302	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	88.11	0.571	V COARSE SAND: 0.4%	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 ( $\bar{x}$ ):	242.2	224.7	2.154	216.5	2.208	Fine Sand
SORTING ( $\sigma$ ):	116.4	1.415	0.501	1.360	0.443	Well Sorted
SKEWNESS ( $Sk$ ):	3.756	1.238	-1.238	0.218	-0.218	Coarse Skewed
KURTOSIS ( $K$ ):	22.49	6.452	6.452	1.155	1.155	Leptokurtic

**GRAIN SIZE DISTRIBUTION**