

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-13\_363**

ANALYST &amp; DATE: TB/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: 2.0%		
MODE 2:	273.5	1.876	SAND: 100.0%	MEDIUM SAND: 31.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 65.3%		
$D_{10}$ :	155.8	1.674		V FINE SAND: 1.3%		
MEDIAN or $D_{50}$ :	208.9	2.259	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	313.3	2.682	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.011	1.602	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	157.5	1.008	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.476	1.295	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	86.11	0.561	V COARSE SAND: 0.5%	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 ( $\bar{x}$ ):	237.6	222.3	2.169	215.4	2.215	Fine Sand
SORTING ( $\sigma$ ):	107.2	1.385	0.470	1.337	0.419	Well Sorted
SKEWNESS ( $Sk$ ):	4.157	1.273	-1.273	0.216	-0.216	Coarse Skewed
KURTOSIS ( $K$ ):	28.57	6.783	6.783	1.080	1.080	Mesokurtic

**GRAIN SIZE DISTRIBUTION**