

SIEVING ERROR: 0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-11\_50**

ANALYST &amp; DATE: MT/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:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 1.5%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 42.2%		
MODE 3:			MUD: 0.1%	FINE SAND: 54.2%		
$D_{10}$ :	155.6	1.506		V FINE SAND: 2.0%		
MEDIAN or $D_{50}$ :	232.2	2.106	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
$D_{90}$ :	352.1	2.684	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.263	1.782	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	196.5	1.178	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.534	1.340	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	99.00	0.617	V COARSE SAND: 0.0%	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 ( $\bar{x}$ ):	246.4	232.4	2.105	231.1	2.114	Fine Sand
SORTING ( $\sigma$ ):	84.72	1.388	0.474	1.379	0.464	Well Sorted
SKEWNESS ( $Sk$ ):	1.173	0.066	-0.066	0.024	-0.024	Symmetrical
KURTOSIS ( $K$ ):	4.790	3.509	3.509	1.063	1.063	Mesokurtic

**GRAIN SIZE DISTRIBUTION**