

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-12\_25**

ANALYST &amp; DATE: TC/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: 2.2%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 41.4%		
MODE 3:			MUD: 0.1%	FINE SAND: 55.8%		
$D_{10}$ :	167.6	1.528		V FINE SAND: 0.6%		
MEDIAN or $D_{50}$ :	235.2	2.088	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
$D_{90}$ :	346.8	2.577	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.069	1.687	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	179.2	1.049	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.470	1.305	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	90.28	0.556	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 ( $\bar{x}$ ):	251.1	238.3	2.069	235.0	2.090	Fine Sand
SORTING ( $\sigma$ ):	85.97	1.354	0.437	1.330	0.412	Well Sorted
SKEWNESS ( $Sk$ ):	1.889	0.507	-0.507	0.076	-0.076	Symmetrical
KURTOSIS ( $K$ ):	8.634	4.180	4.180	1.083	1.083	Mesokurtic

**GRAIN SIZE DISTRIBUTION**