

SIEVING ERROR: -0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-92-3\_25**

ANALYST &amp; DATE: SA/RM, 8/23/92

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	137.0	2.873	GRAVEL: 0.0%	COARSE SAND: 0.3%		
MODE 2:			SAND: 99.9%	MEDIUM SAND: 11.0%		
MODE 3:			MUD: 0.1%	FINE SAND: 66.5%		
$D_{10}$ :	109.1	1.960		V FINE SAND: 22.1%		
MEDIAN or $D_{50}$ :	158.7	2.656	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
$D_{90}$ :	257.0	3.196	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.356	1.631	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	147.9	1.236	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.565	1.279	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	72.35	0.646	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 ( $\bar{x}$ ):	172.6	162.2	2.625	161.5	2.630	Fine Sand
SORTING ( $\sigma$ ):	63.88	1.399	0.484	1.390	0.475	Well Sorted
SKEWNESS ( $Sk$ ):	1.747	0.337	-0.337	0.091	-0.091	Symmetrical
KURTOSIS ( $K$ ):	8.690	3.433	3.433	0.980	0.980	Mesokurtic

**GRAIN SIZE DISTRIBUTION**