

SIEVING ERROR: 0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-92-3\_50**

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

SAMPLE TYPE: Trimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 0.5%		
MODE 2:	137.0	2.873	SAND: 99.9%	MEDIUM SAND: 17.9%		
MODE 3:	273.5	1.876	MUD: 0.1%	FINE SAND: 63.2%		
$D_{10}$ :	111.8	1.838		V FINE SAND: 18.3%		
MEDIAN or $D_{50}$ :	171.5	2.544	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
$D_{90}$ :	279.7	3.160	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.500	1.719	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	167.8	1.322	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.669	1.341	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	89.36	0.739	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 ( $\bar{x}$ ):	187.2	174.3	2.521	175.0	2.514	Fine Sand
SORTING ( $\sigma$ ):	75.26	1.433	0.520	1.423	0.509	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	2.127	0.318	-0.318	0.075	-0.075	Symmetrical
KURTOSIS ( $K$ ):	13.63	3.340	3.340	0.864	0.864	Platykurtic

**GRAIN SIZE DISTRIBUTION**