

SIEVING ERROR: 2.4%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-92-1\_325**

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

SAMPLE TYPE: Polymodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 5.7%		
MODE 2:	273.5	1.876	SAND: 91.7%	MEDIUM SAND: 25.5%		
MODE 3:	58.00	4.113	MUD: 8.3%	FINE SAND: 49.0%		
$D_{10}$ :	73.58	1.298		V FINE SAND: 11.5%		
MEDIAN or $D_{50}$ :	191.6	2.384	V COARSE GRAVEL: 0.0%	V COARSE SILT: 8.3%		
$D_{90}$ :	406.8	3.764	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	5.528	2.901	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	333.2	2.467	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.959	1.515	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	132.7	0.970	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 ( $\bar{x}$ ):	223.4	188.2	2.410	188.8	2.405	Fine Sand
SORTING ( $\sigma$ ):	135.5	1.804	0.851	1.811	0.857	Moderately Sorted
SKEWNESS ( $Sk$ ):	1.565	-0.181	0.181	-0.064	0.064	Symmetrical
KURTOSIS ( $K$ ):	5.928	2.943	2.943	1.330	1.330	Leptokurtic

**GRAIN SIZE DISTRIBUTION**