

SIEVING ERROR: 0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-92-3\_100**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 6.6%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 46.7%		
MODE 3:	460.0	1.126	MUD: 0.1%	FINE SAND: 37.1%		
$D_{10}$ :	126.0	1.090		V FINE SAND: 9.5%		
MEDIAN or $D_{50}$ :	257.9	1.955	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
$D_{90}$ :	469.7	2.988	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.726	2.741	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	343.6	1.898	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	2.066	1.690	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	180.3	1.047	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 ( $\bar{x}$ ):	275.6	245.0	2.029	248.7	2.007	Fine Sand
SORTING ( $\sigma$ ):	131.8	1.623	0.698	1.661	0.732	Moderately Sorted
SKEWNESS ( $Sk$ ):	0.887	-0.104	0.104	-0.091	0.091	Symmetrical
KURTOSIS ( $K$ ):	3.644	2.339	2.339	0.881	0.881	Platykurtic

**GRAIN SIZE DISTRIBUTION**