

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-92-3\_150**

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

SAMPLE TYPE: Polymodal, 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: 18.9%		
MODE 2:	460.0	1.126	SAND: 99.9%	MEDIUM SAND: 40.6%		
MODE 3:	193.5	2.375	MUD: 0.1%	FINE SAND: 30.8%		
$D_{10}$ :	133.0	0.669		V FINE SAND: 7.4%		
MEDIAN or $D_{50}$ :	286.3	1.804	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
$D_{90}$ :	628.9	2.910	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	4.728	4.349	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	495.8	2.241	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	2.495	2.201	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	279.8	1.319	V COARSE SAND: 2.2%	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 ( $\bar{x}$ ):	354.5	295.5	1.759	289.0	1.791	Medium Sand
SORTING ( $\sigma$ ):	225.0	1.814	0.859	1.852	0.889	Moderately Sorted
SKEWNESS ( $Sk$ ):	1.527	0.114	-0.114	0.049	-0.049	Symmetrical
KURTOSIS ( $K$ ):	5.715	2.428	2.428	0.883	0.883	Platykurtic

**GRAIN SIZE DISTRIBUTION**