

SIEVING ERROR: 0.5%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-93-4\_50**

ANALYST &amp; DATE: SA/RM, 7/29/1993

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Coarse Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	547.5	0.875	GRAVEL: 0.0%	COARSE SAND: 53.9%		
MODE 2:	920.5	0.125	SAND: 100.0%	MEDIUM SAND: 37.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 0.4%		
$D_{10}$ :	357.6	0.037		V FINE SAND: 0.0%		
MEDIAN or $D_{50}$ :	550.6	0.861	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	974.7	1.484	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.726	40.15	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	617.1	1.447	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.693	2.874	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	309.1	0.760	V COARSE SAND: 8.4%	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 ( $\bar{x}$ ):	618.2	573.6	0.802	581.2	0.783	Coarse Sand
SORTING ( $\sigma$ ):	241.0	1.455	0.541	1.479	0.565	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	0.938	0.137	-0.137	0.151	-0.151	Coarse Skewed
KURTOSIS ( $K$ ):	3.306	2.592	2.592	0.992	0.992	Mesokurtic

**GRAIN SIZE DISTRIBUTION**