

SIEVING ERROR: 0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-93-5\_300**

ANALYST &amp; DATE: TB/RM, 7/31/1993

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	547.5	0.875	GRAVEL: 0.0%	COARSE SAND: 41.1%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 55.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 3.5%		
D <sub>10</sub> :	279.7	0.545		V FINE SAND: 0.3%		
MEDIAN or D <sub>50</sub> :	463.7	1.109	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	685.4	1.838	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.450	3.372	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	405.7	1.293	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.601	1.822	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	211.8	0.679	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 ( $\bar{x}$ ):	475.7	446.6	1.163	445.1	1.168	Medium Sand
SORTING ( $\sigma$ ):	160.9	1.425	0.511	1.410	0.496	Well Sorted
SKEWNESS ( $Sk$ ):	0.611	-0.500	0.500	-0.116	0.116	Fine Skewed
KURTOSIS ( $K$ ):	3.398	3.798	3.798	0.984	0.984	Mesokurtic

**GRAIN SIZE DISTRIBUTION**