

SIEVING ERROR: 0.4%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PER-93-1\_5**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 16.0%		
MODE 2:	460.0	1.126	SAND: 100.0%	MEDIUM SAND: 70.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 12.8%		
D <sub>10</sub> :	226.6	0.838		V FINE SAND: 0.4%		
MEDIAN or D <sub>50</sub> :	351.3	1.509	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	559.6	2.142	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.470	2.557	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	333.0	1.304	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.658	1.650	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	182.2	0.729	V COARSE SAND: 0.7%	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 ( $\bar{x}$ ):	383.3	356.1	1.489	357.0	1.486	Medium Sand
SORTING ( $\sigma$ ):	152.0	1.449	0.535	1.425	0.511	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.530	0.089	-0.089	0.036	-0.036	Symmetrical
KURTOSIS ( $K$ ):	6.886	3.412	3.412	0.988	0.988	Mesokurtic

**GRAIN SIZE DISTRIBUTION**