

SIEVING ERROR: 0.4%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PER-93-1\_125**

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: 8.2%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 45.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 42.4%		
D <sub>10</sub> :	152.1	1.038		V FINE SAND: 3.3%		
MEDIAN or D <sub>50</sub> :	258.8	1.950	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	487.1	2.717	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	3.203	2.619	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	335.0	1.679	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.781	1.535	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	149.0	0.833	V COARSE SAND: 0.8%	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 ( $\bar{x}$ ):	295.3	263.2	1.926	264.0	1.921	Medium Sand
SORTING ( $\sigma$ ):	159.6	1.575	0.655	1.568	0.649	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	2.149	0.518	-0.518	0.082	-0.082	Symmetrical
KURTOSIS ( $K$ ):	9.208	3.321	3.321	1.060	1.060	Mesokurtic

**GRAIN SIZE DISTRIBUTION**