

SIEVING ERROR: 0.7%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PER-93-1\_75**

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

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	460.0	1.126	GRAVEL: 0.0%	COARSE SAND: 30.7%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 61.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 6.0%		
D <sub>10</sub> :	262.9	0.570		V FINE SAND: 0.2%		
MEDIAN or D <sub>50</sub> :	427.5	1.226	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	673.4	1.927	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.561	3.378	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	410.5	1.357	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.684	1.837	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	217.9	0.752	V COARSE SAND: 1.3%	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 ( $\bar{x}$ ):	451.8	419.3	1.254	415.0	1.269	Medium Sand
SORTING ( $\sigma$ ):	176.4	1.456	0.542	1.450	0.536	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.171	0.007	-0.007	-0.044	0.044	Symmetrical
KURTOSIS ( $K$ ):	4.761	3.129	3.129	0.987	0.987	Mesokurtic

**GRAIN SIZE DISTRIBUTION**