

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-2_200**

ANALYST & DATE: TB/RM, 7/29/1993

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 15.2%		
MODE 2:	193.5	2.375	SAND: 99.8%	MEDIUM SAND: 42.4%		
MODE 3:	460.0	1.126	MUD: 0.2%	FINE SAND: 39.3%		
D_{10} :	161.4	0.811		V FINE SAND: 2.1%		
MEDIAN or D_{50} :	268.9	1.895	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	570.1	2.631	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.532	3.246	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	408.7	1.820	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.049	1.798	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	208.3	1.035	V COARSE SAND: 0.8%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	326.0	285.8	1.807	289.4	1.789	Medium Sand
SORTING (σ):	181.8	1.636	0.710	1.640	0.714	Moderately Sorted
SKEWNESS (Sk):	1.678	0.370	-0.370	0.199	-0.199	Coarse Skewed
KURTOSIS (K):	6.347	2.926	2.926	0.905	0.905	Mesokurtic

GRAIN SIZE DISTRIBUTION