

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-04_25**

ANALYST & DATE: SA/RM, 8/19/91

SAMPLE TYPE: Polymodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 11.7%		
MODE 2:	273.5	1.876	SAND: 99.8%	MEDIUM SAND: 28.8%		
MODE 3:	460.0	1.126	MUD: 0.2%	FINE SAND: 44.6%		
D_{10} :	122.9	0.727		V FINE SAND: 10.5%		
MEDIAN or D_{50} :	222.2	2.170	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	604.4	3.024	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.916	4.162	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	481.4	2.297	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.365	1.876	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	216.2	1.242	V COARSE SAND: 4.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	318.9	252.4	1.986	247.4	2.015	Fine Sand
SORTING (σ):	260.2	1.890	0.918	1.906	0.931	Moderately Sorted
SKEWNESS (Sk):	2.226	0.685	-0.685	0.292	-0.292	Coarse Skewed
KURTOSIS (K):	8.034	3.039	3.039	1.013	1.013	Mesokurtic

GRAIN SIZE DISTRIBUTION