

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-11_275**

ANALYST & DATE: TB/RM, 8/20/91

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 8.1%		
MODE 2:	193.5	2.375	SAND: 99.7%	MEDIUM SAND: 48.0%		
MODE 3:			MUD: 0.3%	FINE SAND: 41.8%		
D_{10} :	161.8	1.073		V FINE SAND: 1.7%		
MEDIAN or D_{50} :	261.1	1.937	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D_{90} :	475.4	2.628	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.938	2.449	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	313.6	1.555	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.697	1.479	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	136.3	0.763	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	289.6	263.6	1.924	266.4	1.908	Medium Sand
SORTING (σ):	134.3	1.517	0.601	1.506	0.590	Moderately Well Sorted
SKEWNESS (Sk):	1.679	0.260	-0.260	0.102	-0.102	Coarse Skewed
KURTOSIS (K):	6.685	3.525	3.525	1.051	1.051	Mesokurtic

GRAIN SIZE DISTRIBUTION