

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-11_25**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 1.9%		
MODE 2:	273.5	1.876	SAND: 99.5%	MEDIUM SAND: 36.5%		
MODE 3:			MUD: 0.5%	FINE SAND: 57.7%		
D_{10} :	148.6	1.563		V FINE SAND: 3.3%		
MEDIAN or D_{50} :	215.4	2.215	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
D_{90} :	338.5	2.750	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.277	1.760	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	189.9	1.187	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.548	1.340	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	97.88	0.631	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}):	236.8	221.3	2.176	216.9	2.205	Fine Sand
SORTING (σ):	90.53	1.427	0.513	1.389	0.474	Well Sorted
SKEWNESS (Sk):	1.724	-0.004	0.004	0.078	-0.078	Symmetrical
KURTOSIS (K):	8.515	4.338	4.338	1.087	1.087	Mesokurtic

GRAIN SIZE DISTRIBUTION