

SIEVING ERROR: -0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-12_150**

ANALYST & DATE: TC/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:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 2.9%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 43.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 53.4%		
D_{10} :	172.9	1.463		V FINE SAND: 0.5%		
MEDIAN or D_{50} :	241.4	2.050	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	362.6	2.532	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.097	1.730	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	189.7	1.069	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.460	1.303	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	90.19	0.546	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}):	258.3	244.6	2.031	241.2	2.052	Fine Sand
SORTING (σ):	91.65	1.359	0.443	1.345	0.428	Well Sorted
SKEWNESS (Sk):	1.993	0.674	-0.674	0.085	-0.085	Symmetrical
KURTOSIS (K):	8.855	4.024	4.024	1.142	1.142	Leptokurtic

GRAIN SIZE DISTRIBUTION