

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-12_125**

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:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 2.0%		
MODE 2:	273.5	1.876	SAND: 100.0%	MEDIUM SAND: 40.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 56.8%		
D_{10} :	162.3	1.566		V FINE SAND: 0.9%		
MEDIAN or D_{50} :	229.2	2.125	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	337.8	2.624	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.082	1.676	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	175.6	1.058	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.488	1.312	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	91.71	0.573	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}):	245.9	233.1	2.101	229.3	2.125	Fine Sand
SORTING (σ):	85.35	1.358	0.442	1.324	0.404	Well Sorted
SKEWNESS (Sk):	1.976	0.502	-0.502	0.080	-0.080	Symmetrical
KURTOSIS (K):	9.454	4.160	4.160	1.033	1.033	Mesokurtic

GRAIN SIZE DISTRIBUTION