

SIEVING ERROR: -0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-13_25**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 4.7%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 57.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 37.2%		
D_{10} :	183.3	1.228		V FINE SAND: 0.5%		
MEDIAN or D_{50} :	267.0	1.905	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	426.9	2.448	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.329	1.993	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	243.6	1.220	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.501	1.355	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	106.5	0.586	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}):	286.6	270.0	1.889	267.2	1.904	Medium Sand
SORTING (σ):	104.7	1.384	0.469	1.381	0.466	Well Sorted
SKEWNESS (Sk):	1.797	0.453	-0.453	0.075	-0.075	Symmetrical
KURTOSIS (K):	8.204	3.785	3.785	1.088	1.088	Mesokurtic

GRAIN SIZE DISTRIBUTION