

SIEVING ERROR: -0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-13_125**

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: 3.6%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 55.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 40.0%		
D_{10} :	181.3	1.291		V FINE SAND: 0.5%		
MEDIAN or D_{50} :	263.3	1.925	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	408.5	2.464	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.254	1.908	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	227.3	1.172	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.489	1.340	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	101.8	0.575	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}):	279.6	264.0	1.921	260.9	1.939	Medium Sand
SORTING (σ):	100.5	1.375	0.459	1.369	0.453	Well Sorted
SKEWNESS (Sk):	1.935	0.479	-0.479	0.036	-0.036	Symmetrical
KURTOSIS (K):	9.556	3.844	3.844	1.099	1.099	Mesokurtic

GRAIN SIZE DISTRIBUTION