

SIEVING ERROR: -0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-13_75**

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: 55.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 38.8%		
D_{10} :	182.4	1.218		V FINE SAND: 0.4%		
MEDIAN or D_{50} :	265.5	1.913	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	429.9	2.455	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.357	2.016	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	247.5	1.237	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.510	1.360	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	107.6	0.594	V COARSE SAND: 0.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	287.9	269.8	1.890	266.6	1.907	Medium Sand
SORTING (σ):	114.7	1.399	0.484	1.388	0.474	Well Sorted
SKEWNESS (Sk):	2.413	0.665	-0.665	0.085	-0.085	Symmetrical
KURTOSIS (K):	12.85	4.209	4.209	1.093	1.093	Mesokurtic

GRAIN SIZE DISTRIBUTION