

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-12_75**

ANALYST & DATE: TR/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: 2.1%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 40.7%		
MODE 3:			MUD: 0.0%	FINE SAND: 56.4%		
D_{10} :	164.7	1.558		V FINE SAND: 0.8%		
MEDIAN or D_{50} :	232.3	2.106	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	339.6	2.602	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.062	1.670	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	174.9	1.044	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.476	1.306	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	90.46	0.562	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}):	247.8	235.2	2.088	231.0	2.114	Fine Sand
SORTING (σ):	85.07	1.353	0.437	1.321	0.402	Well Sorted
SKEWNESS (Sk):	1.978	0.511	-0.511	0.061	-0.061	Symmetrical
KURTOSIS (K):	9.434	4.231	4.231	1.053	1.053	Mesokurtic

GRAIN SIZE DISTRIBUTION