

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-04_200**

ANALYST & DATE: SA/RM, 8/19/91

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	115.0	3.126	GRAVEL: 0.0%	COARSE SAND: 0.3%		
MODE 2:			SAND: 98.0%	MEDIUM SAND: 2.5%		
MODE 3:			MUD: 2.0%	FINE SAND: 48.7%		
D_{10} :	84.34	2.380		V FINE SAND: 46.5%		
MEDIAN or D_{50} :	126.5	2.982	V COARSE GRAVEL: 0.0%	V COARSE SILT: 2.0%		
D_{90} :	192.1	3.568	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.278	1.499	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	107.7	1.187	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.462	1.205	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	49.67	0.548	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}):	137.1	128.7	2.958	127.9	2.967	Fine Sand
SORTING (σ):	57.01	1.395	0.480	1.363	0.447	Well Sorted
SKEWNESS (Sk):	4.785	0.483	-0.483	0.022	-0.022	Symmetrical
KURTOSIS (K):	52.95	5.390	5.390	1.134	1.134	Leptokurtic

GRAIN SIZE DISTRIBUTION