

SIEVING ERROR: 0.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-12_175**

ANALYST & DATE: TC/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: 3.8%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 46.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 48.8%		
D_{10} :	169.0	1.374		V FINE SAND: 0.7%		
MEDIAN or D_{50} :	250.8	1.996	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	385.8	2.565	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.284	1.867	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	216.9	1.191	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.518	1.341	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	100.2	0.602	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}):	264.8	248.5	2.009	247.9	2.012	Fine Sand
SORTING (σ):	101.2	1.397	0.482	1.381	0.466	Well Sorted
SKEWNESS (Sk):	1.870	0.552	-0.552	0.037	-0.037	Symmetrical
KURTOSIS (K):	7.967	3.755	3.755	1.103	1.103	Mesokurtic

GRAIN SIZE DISTRIBUTION