

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-05_250**

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

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Coarse Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	547.5	0.875	GRAVEL: 0.0%	COARSE SAND: 50.7%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 39.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 1.5%		
D_{10} :	312.4	0.043		V FINE SAND: 0.0%		
MEDIAN or D_{50} :	539.0	0.892	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	970.7	1.679	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.108	39.18	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	658.4	1.636	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.679	2.501	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	286.4	0.748	V COARSE SAND: 8.6%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	601.1	547.7	0.868	546.3	0.872	Coarse Sand
SORTING (σ):	268.0	1.520	0.604	1.548	0.630	Moderately Well Sorted
SKEWNESS (Sk):	1.275	0.155	-0.155	0.055	-0.055	Symmetrical
KURTOSIS (K):	4.684	2.838	2.838	1.132	1.132	Leptokurtic

GRAIN SIZE DISTRIBUTION