

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-03_200**

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

SAMPLE TYPE: Bimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Coarse Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	547.5	0.875	GRAVEL: 1.7%	COARSE SAND: 42.2%		
MODE 2:	273.5	1.876	SAND: 98.3%	MEDIUM SAND: 37.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 6.6%		
D_{10} :	265.0	-0.147		V FINE SAND: 0.3%		
MEDIAN or D_{50} :	528.4	0.920	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	1107.1	1.916	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.178	-13.054	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	842.1	2.063	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.133	3.860	V FINE GRAVEL: 1.7%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	407.5	1.093	V COARSE SAND: 11.3%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	626.8	533.7	0.906	527.2	0.923	Coarse Sand
SORTING (σ):	384.7	1.739	0.799	1.763	0.818	Moderately Sorted
SKEWNESS (Sk):	1.788	0.157	-0.157	0.027	-0.027	Symmetrical
KURTOSIS (K):	6.923	2.916	2.916	0.998	0.998	Mesokurtic

GRAIN SIZE DISTRIBUTION