

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-03_175**

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: 1.5%	COARSE SAND: 44.2%		
MODE 2:	273.5	1.876	SAND: 98.5%	MEDIUM SAND: 39.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 4.8%		
D_{10} :	275.6	-0.066		V FINE SAND: 0.3%		
MEDIAN or D_{50} :	526.2	0.926	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	1047.1	1.859	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.800	-27.989	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	771.5	1.926	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.955	3.156	V FINE GRAVEL: 1.5%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	357.9	0.967	V COARSE SAND: 9.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	619.4	534.0	0.905	527.5	0.923	Coarse Sand
SORTING (σ):	381.2	1.688	0.756	1.679	0.748	Moderately Sorted
SKEWNESS (Sk):	2.343	0.262	-0.262	0.056	-0.056	Symmetrical
KURTOSIS (K):	10.84	3.428	3.428	1.024	1.024	Mesokurtic

GRAIN SIZE DISTRIBUTION