

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-01_125**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.4%	COARSE SAND: 3.7%		
MODE 2:	193.5	2.375	SAND: 99.6%	MEDIUM SAND: 80.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 14.1%		
D_{10} :	217.9	1.172		V FINE SAND: 0.5%		
MEDIAN or D_{50} :	295.7	1.758	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	443.7	2.199	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.037	1.875	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	225.8	1.026	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.333	1.274	V FINE GRAVEL: 0.4%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	87.38	0.414	V COARSE SAND: 0.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	326.9	307.0	1.704	309.3	1.693	Medium Sand
SORTING (σ):	160.3	1.366	0.450	1.297	0.375	Well Sorted
SKEWNESS (Sk):	7.182	1.275	-1.275	0.184	-0.184	Coarse Skewed
KURTOSIS (K):	75.98	10.66	10.66	1.371	1.371	Leptokurtic

GRAIN SIZE DISTRIBUTION