

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-03_25**

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

SAMPLE TYPE: Bimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	547.5	0.875	GRAVEL: 0.8%	COARSE SAND: 35.5%		
MODE 2:	273.5	1.876	SAND: 99.2%	MEDIUM SAND: 49.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 7.3%		
D_{10} :	258.5	0.140		V FINE SAND: 0.2%		
MEDIAN or D_{50} :	461.4	1.116	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	907.4	1.952	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.510	13.92	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	648.9	1.812	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.901	2.297	V FINE GRAVEL: 0.8%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	288.8	0.927	V COARSE SAND: 6.6%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	537.9	466.6	1.100	459.2	1.123	Medium Sand
SORTING (σ):	327.6	1.659	0.730	1.653	0.725	Moderately Sorted
SKEWNESS (Sk):	2.270	0.431	-0.431	0.056	-0.056	Symmetrical
KURTOSIS (K):	9.639	3.432	3.432	1.085	1.085	Mesokurtic

GRAIN SIZE DISTRIBUTION