

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-13_50**

ANALYST & DATE: SA/RM, 8/20/91

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 6.3%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 57.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 35.8%		
D_{10} :	184.0	1.134		V FINE SAND: 0.4%		
MEDIAN or D_{50} :	271.0	1.884	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	455.8	2.442	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.477	2.154	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	271.8	1.309	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.552	1.402	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	119.3	0.634	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	298.1	278.4	1.845	275.8	1.858	Medium Sand
SORTING (σ):	119.4	1.415	0.501	1.417	0.503	Moderately Well Sorted
SKEWNESS (Sk):	1.938	0.574	-0.574	0.125	-0.125	Coarse Skewed
KURTOSIS (K):	8.563	3.639	3.639	1.066	1.066	Mesokurtic

GRAIN SIZE DISTRIBUTION