

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-13_388**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 2.0%		
MODE 2:	273.5	1.876	SAND: 100.0%	MEDIUM SAND: 34.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 62.4%		
D_{10} :	160.6	1.678		V FINE SAND: 0.9%		
MEDIAN or D_{50} :	212.8	2.232	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	312.6	2.638	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.946	1.573	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	151.9	0.961	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.462	1.291	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	85.61	0.548	V COARSE SAND: 0.3%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	240.8	226.4	2.143	220.9	2.178	Fine Sand
SORTING (σ):	104.7	1.370	0.454	1.310	0.389	Well Sorted
SKEWNESS (Sk):	4.495	1.246	-1.246	0.243	-0.243	Coarse Skewed
KURTOSIS (K):	34.90	7.185	7.185	1.042	1.042	Mesokurtic

GRAIN SIZE DISTRIBUTION