

SIEVING ERROR: 0.8%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-13_368**

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: 2.8%		
MODE 2:	273.5	1.876	SAND: 100.0%	MEDIUM SAND: 34.7%		
MODE 3:			MUD: 0.0%	FINE SAND: 61.0%		
D_{10} :	160.3	1.579		V FINE SAND: 0.9%		
MEDIAN or D_{50} :	218.8	2.192	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	334.8	2.641	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.088	1.673	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	174.5	1.062	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.481	1.304	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	89.14	0.567	V COARSE SAND: 0.6%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	248.6	231.0	2.114	223.5	2.162	Fine Sand
SORTING (σ):	120.3	1.407	0.493	1.341	0.423	Well Sorted
SKEWNESS (Sk):	4.227	1.308	-1.308	0.209	-0.209	Coarse Skewed
KURTOSIS (K):	29.05	6.907	6.907	1.128	1.128	Leptokurtic

GRAIN SIZE DISTRIBUTION