

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-11_360**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 1.2%		
MODE 2:	273.5	1.876	SAND: 99.0%	MEDIUM SAND: 19.7%		
MODE 3:			MUD: 1.0%	FINE SAND: 71.5%		
D_{10} :	129.3	1.729		V FINE SAND: 6.6%		
MEDIAN or D_{50} :	183.0	2.450	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.0%		
D_{90} :	301.7	2.951	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.334	1.707	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	172.4	1.223	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.487	1.269	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	74.96	0.572	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}):	204.7	189.9	2.397	191.0	2.388	Fine Sand
SORTING (σ):	86.17	1.446	0.532	1.417	0.502	Moderately Well Sorted
SKEWNESS (Sk):	2.157	0.278	-0.278	0.198	-0.198	Coarse Skewed
KURTOSIS (K):	10.78	4.556	4.556	1.257	1.257	Leptokurtic

GRAIN SIZE DISTRIBUTION