

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-1_375**

ANALYST & DATE: TB/RM, 8/23/92

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: 2.7%		
MODE 2:	273.5	1.876	SAND: 98.1%	MEDIUM SAND: 21.7%		
MODE 3:			MUD: 1.9%	FINE SAND: 62.3%		
D_{10} :	115.4	1.639		V FINE SAND: 11.4%		
MEDIAN or D_{50} :	186.0	2.427	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.9%		
D_{90} :	321.1	3.115	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.782	1.901	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	205.7	1.476	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.682	1.372	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	100.3	0.750	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}):	209.7	189.6	2.399	189.2	2.402	Fine Sand
SORTING (σ):	101.5	1.545	0.627	1.517	0.601	Moderately Well Sorted
SKEWNESS (Sk):	1.897	0.114	-0.114	0.090	-0.090	Symmetrical
KURTOSIS (K):	8.001	3.844	3.844	1.165	1.165	Leptokurtic

GRAIN SIZE DISTRIBUTION