

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-13_387**

ANALYST & DATE: TB/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: 1.8%		
MODE 2:	273.5	1.876	SAND: 100.0%	MEDIUM SAND: 28.5%		
MODE 3:			MUD: 0.0%	FINE SAND: 68.0%		
D_{10} :	153.2	1.725		V FINE SAND: 1.4%		
MEDIAN or D_{50} :	205.0	2.286	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	302.4	2.707	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.975	1.569	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	149.3	0.982	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.477	1.291	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	84.71	0.563	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}):	230.8	216.9	2.205	211.4	2.242	Fine Sand
SORTING (σ):	98.45	1.374	0.459	1.336	0.418	Well Sorted
SKEWNESS (Sk):	4.000	1.176	-1.176	0.195	-0.195	Coarse Skewed
KURTOSIS (K):	28.37	6.359	6.359	1.049	1.049	Mesokurtic

GRAIN SIZE DISTRIBUTION