

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-12_350**

ANALYST & DATE: TC/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:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 4.8%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 41.8%		
MODE 3:			MUD: 0.1%	FINE SAND: 52.5%		
D_{10} :	164.9	1.314		V FINE SAND: 0.8%		
MEDIAN or D_{50} :	240.5	2.056	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	402.3	2.600	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.439	1.979	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	237.3	1.286	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.518	1.337	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	99.06	0.602	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}):	263.7	245.7	2.025	243.4	2.039	Fine Sand
SORTING (σ):	108.3	1.423	0.509	1.398	0.483	Well Sorted
SKEWNESS (Sk):	1.916	0.595	-0.595	0.140	-0.140	Coarse Skewed
KURTOSIS (K):	7.653	3.969	3.969	1.160	1.160	Leptokurtic

GRAIN SIZE DISTRIBUTION