

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-12_160**

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: 3.3%		
MODE 2:	273.5	1.876	SAND: 99.8%	MEDIUM SAND: 44.5%		
MODE 3:			MUD: 0.2%	FINE SAND: 51.0%		
D_{10} :	170.1	1.341		V FINE SAND: 1.0%		
MEDIAN or D_{50} :	243.8	2.036	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	394.8	2.556	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.322	1.906	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	224.7	1.215	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.511	1.336	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	98.92	0.595	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}):	261.8	246.1	2.023	246.6	2.020	Fine Sand
SORTING (σ):	95.14	1.399	0.485	1.383	0.467	Well Sorted
SKEWNESS (Sk):	1.391	0.209	-0.209	0.113	-0.113	Coarse Skewed
KURTOSIS (K):	5.243	3.957	3.957	1.110	1.110	Mesokurtic

GRAIN SIZE DISTRIBUTION