

SIEVING ERROR: 0.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-09_250**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 15.0%		
MODE 2:	460.0	1.126	SAND: 100.0%	MEDIUM SAND: 70.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 14.4%		
D_{10} :	219.2	0.881		V FINE SAND: 0.2%		
MEDIAN or D_{50} :	341.3	1.551	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	542.9	2.190	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.477	2.485	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	323.7	1.308	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.659	1.635	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	179.1	0.730	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}):	367.1	344.8	1.536	349.5	1.517	Medium Sand
SORTING (σ):	126.3	1.415	0.501	1.406	0.491	Well Sorted
SKEWNESS (Sk):	0.693	-0.163	0.163	0.033	-0.033	Symmetrical
KURTOSIS (K):	3.255	2.809	2.809	0.922	0.922	Mesokurtic

GRAIN SIZE DISTRIBUTION