

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-12_375**

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:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 4.1%		
MODE 2:	273.5	1.876	SAND: 99.9%	MEDIUM SAND: 37.7%		
MODE 3:			MUD: 0.1%	FINE SAND: 57.4%		
D_{10} :	162.2	1.435		V FINE SAND: 0.8%		
MEDIAN or D_{50} :	228.1	2.132	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	369.7	2.624	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.279	1.828	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	207.5	1.188	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.505	1.323	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	94.64	0.589	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}):	254.1	237.4	2.074	232.7	2.104	Fine Sand
SORTING (σ):	104.1	1.407	0.493	1.371	0.455	Well Sorted
SKEWNESS (Sk):	2.184	0.761	-0.761	0.193	-0.193	Coarse Skewed
KURTOSIS (K):	9.245	4.328	4.328	1.152	1.152	Leptokurtic

GRAIN SIZE DISTRIBUTION