

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-04_5**

ANALYST & DATE: SA/RM, 8/19/91

SAMPLE TYPE: Polymodal, Poorly Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Poorly Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 12.5%		
MODE 2:	273.5	1.876	SAND: 99.6%	MEDIUM SAND: 22.3%		
MODE 3:	1301.5	-0.375	MUD: 0.4%	FINE SAND: 40.7%		
D_{10} :	115.4	-0.045		V FINE SAND: 13.8%		
MEDIAN or D_{50} :	216.5	2.207	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
D_{90} :	1031.4	3.115	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	8.935	-69.865	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	916.0	3.160	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	3.136	2.494	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	317.0	1.649	V COARSE SAND: 10.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	377.8	269.6	1.891	262.6	1.929	Medium Sand
SORTING (σ):	351.7	2.172	1.119	2.188	1.130	Poorly Sorted
SKEWNESS (Sk):	1.650	0.624	-0.624	0.388	-0.388	Very Coarse Skewed
KURTOSIS (K):	4.566	2.439	2.439	0.895	0.895	Platykurtic

GRAIN SIZE DISTRIBUTION