

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-02_75**

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

SAMPLE TYPE: Polymodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 15.7%		
MODE 2:	193.5	2.375	SAND: 99.8%	MEDIUM SAND: 46.7%		
MODE 3:	460.0	1.126	MUD: 0.2%	FINE SAND: 29.7%		
D_{10} :	175.8	0.473		V FINE SAND: 1.4%		
MEDIAN or D_{50} :	292.9	1.772	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	720.6	2.508	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.099	5.305	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	544.8	2.035	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.137	2.009	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	250.6	1.095	V COARSE SAND: 6.3%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	405.7	332.4	1.589	317.1	1.657	Medium Sand
SORTING (σ):	307.6	1.799	0.847	1.790	0.840	Moderately Sorted
SKEWNESS (Sk):	2.298	0.660	-0.660	0.288	-0.288	Coarse Skewed
KURTOSIS (K):	8.285	3.539	3.539	1.107	1.107	Mesokurtic

GRAIN SIZE DISTRIBUTION