

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-06_50**

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

SAMPLE TYPE: Trimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 21.3%		
MODE 2:	460.0	1.126	SAND: 99.0%	MEDIUM SAND: 55.9%		
MODE 3:	193.5	2.375	MUD: 1.0%	FINE SAND: 19.5%		
D_{10} :	184.5	0.781		V FINE SAND: 2.4%		
MEDIAN or D_{50} :	339.4	1.559	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.0%		
D_{90} :	582.1	2.439	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.156	3.124	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	397.7	1.658	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.876	1.855	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	223.6	0.907	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}):	369.8	332.3	1.589	338.4	1.563	Medium Sand
SORTING (σ):	158.7	1.616	0.693	1.583	0.662	Moderately Well Sorted
SKEWNESS (Sk):	0.510	-0.771	0.771	-0.056	0.056	Symmetrical
KURTOSIS (K):	2.764	4.104	4.104	0.978	0.978	Mesokurtic

GRAIN SIZE DISTRIBUTION