

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-06_550**

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

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: 33.2%		
MODE 2:	547.5	0.875	SAND: 99.5%	MEDIUM SAND: 36.3%		
MODE 3:	920.5	0.125	MUD: 0.5%	FINE SAND: 13.0%		
D_{10} :	213.4	-0.269		V FINE SAND: 1.1%		
MEDIAN or D_{50} :	492.8	1.021	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
D_{90} :	1204.9	2.229	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	5.647	-8.288	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	991.5	2.497	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.778	5.803	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	517.4	1.474	V COARSE SAND: 16.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	605.9	489.3	1.031	501.2	0.996	Coarse Sand
SORTING (σ):	400.9	1.935	0.952	1.936	0.953	Moderately Sorted
SKEWNESS (Sk):	1.186	-0.097	0.097	0.042	-0.042	Symmetrical
KURTOSIS (K):	3.805	2.674	2.674	0.845	0.845	Platykurtic

GRAIN SIZE DISTRIBUTION