

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-03_365**

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

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: 25.9%		
MODE 2:	460.0	1.126	SAND: 100.0%	MEDIUM SAND: 52.5%		
MODE 3:	920.5	0.125	MUD: 0.0%	FINE SAND: 18.6%		
D_{10} :	204.7	0.465		V FINE SAND: 0.4%		
MEDIAN or D_{50} :	355.3	1.493	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	724.2	2.288	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.537	4.916	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	519.5	1.823	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.992	2.073	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	262.0	0.994	V COARSE SAND: 2.6%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	424.0	374.5	1.417	369.1	1.438	Medium Sand
SORTING (σ):	224.7	1.619	0.695	1.616	0.692	Moderately Well Sorted
SKEWNESS (Sk):	1.533	0.282	-0.282	0.142	-0.142	Coarse Skewed
KURTOSIS (K):	6.045	2.649	2.649	0.953	0.953	Mesokurtic

GRAIN SIZE DISTRIBUTION