

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-03_325**

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

SAMPLE TYPE: Polymodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	547.5	0.875	GRAVEL: 5.0%	COARSE SAND: 34.8%		
MODE 2:	273.5	1.876	SAND: 95.0%	MEDIUM SAND: 39.0%		
MODE 3:	920.5	0.125	MUD: 0.0%	FINE SAND: 8.7%		
D_{10} :	254.0	-0.535		V FINE SAND: 0.3%		
MEDIAN or D_{50} :	512.8	0.964	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	1448.7	1.977	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	5.704	-3.697	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	1194.7	2.512	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.474	5.435	V FINE GRAVEL: 5.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	485.8	1.307	V COARSE SAND: 12.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	676.7	540.2	0.888	531.3	0.912	Coarse Sand
SORTING (σ):	503.2	1.910	0.934	1.964	0.974	Moderately Sorted
SKEWNESS (Sk):	1.678	0.361	-0.361	0.138	-0.138	Coarse Skewed
KURTOSIS (K):	5.209	2.671	2.671	1.028	1.028	Mesokurtic

GRAIN SIZE DISTRIBUTION