

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-03_350**

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:	273.5	1.876	GRAVEL: 3.1%	COARSE SAND: 26.2%		
MODE 2:	547.5	0.875	SAND: 96.9%	MEDIUM SAND: 45.8%		
MODE 3:	193.5	2.375	MUD: 0.0%	FINE SAND: 16.2%		
D_{10} :	206.7	-0.103		V FINE SAND: 0.6%		
MEDIAN or D_{50} :	404.9	1.304	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	1074.1	2.274	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	5.197	-22.056	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	867.4	2.378	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.254	2.668	V FINE GRAVEL: 3.1%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	341.7	1.172	V COARSE SAND: 8.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	556.6	436.8	1.195	434.3	1.203	Medium Sand
SORTING (σ):	475.1	1.908	0.932	1.882	0.912	Moderately Sorted
SKEWNESS (Sk):	2.516	0.681	-0.681	0.215	-0.215	Coarse Skewed
KURTOSIS (K):	9.917	3.259	3.259	1.087	1.087	Mesokurtic

GRAIN SIZE DISTRIBUTION