

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-03_250**

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

SAMPLE TYPE: Trimodal, 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: 0.3%	COARSE SAND: 37.8%		
MODE 2:	273.5	1.876	SAND: 99.7%	MEDIUM SAND: 45.1%		
MODE 3:	193.5	2.375	MUD: 0.0%	FINE SAND: 8.5%		
D_{10} :	254.7	0.069		V FINE SAND: 0.3%		
MEDIAN or D_{50} :	477.3	1.067	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	953.1	1.973	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.741	28.45	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	698.3	1.904	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.039	2.703	V FINE GRAVEL: 0.3%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	335.3	1.028	V COARSE SAND: 8.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	547.1	475.8	1.072	474.9	1.074	Medium Sand
SORTING (σ):	308.7	1.674	0.744	1.698	0.764	Moderately Sorted
SKEWNESS (Sk):	1.675	0.161	-0.161	0.013	-0.013	Symmetrical
KURTOSIS (K):	6.772	2.841	2.841	1.002	1.002	Mesokurtic

GRAIN SIZE DISTRIBUTION