

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-03_100**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	460.0	1.126	GRAVEL: 0.6%	COARSE SAND: 34.2%		
MODE 2:	273.5	1.876	SAND: 99.3%	MEDIUM SAND: 54.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 6.0%		
D ₁₀ :	262.9	0.255		V FINE SAND: 0.2%		
MEDIAN or D ₅₀ :	449.8	1.153	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	838.2	1.927	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	3.188	7.568	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	575.3	1.673	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.790	2.066	V FINE GRAVEL: 0.6%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	255.6	0.840	V COARSE SAND: 4.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	512.9	453.9	1.140	445.3	1.167	Medium Sand
SORTING (σ):	292.7	1.595	0.674	1.563	0.644	Moderately Well Sorted
SKEWNESS (Sk):	2.568	0.457	-0.457	0.039	-0.039	Symmetrical
KURTOSIS (K):	12.38	3.863	3.863	1.049	1.049	Mesokurtic

GRAIN SIZE DISTRIBUTION