

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-03_150**

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

SAMPLE TYPE: Bimodal, 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: 1.2%	COARSE SAND: 39.7%		
MODE 2:	273.5	1.876	SAND: 98.8%	MEDIUM SAND: 45.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 6.8%		
D ₁₀ :	261.9	0.070		V FINE SAND: 0.3%		
MEDIAN or D ₅₀ :	487.8	1.036	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	952.8	1.933	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	3.638	27.72	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	690.9	1.863	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.966	2.638	V FINE GRAVEL: 1.2%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	325.3	0.976	V COARSE SAND: 7.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	566.4	489.3	1.031	484.9	1.044	Medium Sand
SORTING (σ):	349.9	1.678	0.747	1.675	0.744	Moderately Sorted
SKEWNESS (Sk):	2.486	0.323	-0.323	0.024	-0.024	Symmetrical
KURTOSIS (K):	12.08	3.424	3.424	1.027	1.027	Mesokurtic

GRAIN SIZE DISTRIBUTION