

SAMPLE STATISTICS

ANALYST & DATE: ,

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

			GRAIN SIZE DISTRIBUTION			
	μm	ϕ				
MODE 1:	302.5	1.747	GRAVEL: 1.0% COARSE SAND: 7.4%			
MODE 2:			SAND: 99.0% MEDIUM SAND: 51.5%			
MODE 3:			MUD: 0.0% FINE SAND: 36.1%			
D ₁₀ :	184.6	0.854	V FINE SAND: 1.1%			
MEDIAN or D ₅₀ :	281.7	1.828	V COARSE GRAVEL: 0.0% V COARSE SILT: 0.0%			
D ₉₀ :	553.2	2.437	COARSE GRAVEL: 0.0% COARSE SILT: 0.0%			
(D ₉₀ / D ₁₀):	2.996	2.853	MEDIUM GRAVEL: 0.0% MEDIUM SILT: 0.0%			
(D ₉₀ - D ₁₀):	368.6	1.583	FINE GRAVEL: 0.0% FINE SILT: 0.0%			
(D ₇₅ / D ₂₅):	1.634	1.476	V FINE GRAVEL: 1.0% V FINE SILT: 0.0%			
(D ₇₅ - D ₂₅):	138.4	0.708	V COARSE SAND: 2.9% CLAY: 0.0%			
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	366.3	302.8	1.723	291.5	1.778	Medium Sand
SORTING (σ):	329.2	1.673	0.742	1.594	0.672	Moderately Well Sorted
SKEWNESS (Sk):	4.943	1.327	-1.327	0.218	-0.218	Coarse Skewed
KURTOSIS (K):	35.49	7.383	7.383	1.446	1.446	Leptokurtic

