

SIEVING ERROR: 0.2%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-17-20**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 1.5%	COARSE SAND: 3.8%		
MODE 2:			SAND: 98.4%	MEDIUM SAND: 25.5%		
MODE 3:			MUD: 0.0%	FINE SAND: 64.1%		
D_{10} :	145.1	1.141		V FINE SAND: 1.9%		
MEDIAN or D_{50} :	222.0	2.171	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	453.4	2.785	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.125	2.441	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	308.3	1.644	FINE GRAVEL: 0.1%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.583	1.373	V FINE GRAVEL: 1.4%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	107.5	0.662	V COARSE SAND: 3.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	328.9	250.6	1.997	230.8	2.115	Fine Sand
SORTING (σ):	415.6	1.773	0.827	1.623	0.698	Moderately Well Sorted
SKEWNESS (Sk):	5.481	2.051	-2.051	0.315	-0.315	Very Coarse Skewed
KURTOSIS (K):	40.32	8.963	8.963	1.755	1.755	Very Leptokurtic

GRAIN SIZE DISTRIBUTION

