

SIEVING ERROR: 0.1%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-24-180**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 2.4%	COARSE SAND: 20.6%		
MODE 2:			SAND: 97.5%	MEDIUM SAND: 40.0%		
MODE 3:			MUD: 0.1%	FINE SAND: 27.8%		
D_{10} :	181.2	-0.022		V FINE SAND: 1.2%		
MEDIAN or D_{50} :	354.1	1.498	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	1015.5	2.464	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	5.604	-111.014	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	834.3	2.486	FINE GRAVEL: 0.5%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.499	2.698	V FINE GRAVEL: 2.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	349.8	1.321	V COARSE SAND: 7.8%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	527.2	389.7	1.360	378.2	1.403	Medium Sand
SORTING (σ):	547.4	2.007	1.005	1.971	0.979	Moderately Sorted
SKEWNESS (Sk):	3.963	0.665	-0.665	0.188	-0.188	Coarse Skewed
KURTOSIS (K):	24.57	4.143	4.143	1.019	1.019	Mesokurtic

GRAIN SIZE DISTRIBUTION

