

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-22-100**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, Moderately Well 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: 0.4%	COARSE SAND: 9.8%		
MODE 2:			SAND: 99.6%	MEDIUM SAND: 52.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 36.1%		
D_{10} :	179.2	0.936		V FINE SAND: 1.0%		
MEDIAN or D_{50} :	291.7	1.778	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	522.5	2.481	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.916	2.649	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	343.4	1.544	FINE GRAVEL: 0.1%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.872	1.692	V FINE GRAVEL: 0.3%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	188.3	0.905	V COARSE SAND: 0.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	346.1	300.6	1.734	296.7	1.753	Medium Sand
SORTING (σ):	260.8	1.584	0.663	1.561	0.643	Moderately Well Sorted
SKEWNESS (Sk):	8.576	0.781	-0.781	0.071	-0.071	Symmetrical
KURTOSIS (K):	119.2	5.886	5.886	0.979	0.979	Mesokurtic

GRAIN SIZE DISTRIBUTION