

SIEVING ERROR: 0.2%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-25-300**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, Moderately 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: 0.8%	COARSE SAND: 16.3%		
MODE 2:	1200.0	-0.243	SAND: 99.0%	MEDIUM SAND: 34.8%		
MODE 3:			MUD: 0.2%	FINE SAND: 35.4%		
D_{10} :	181.4	-0.067		V FINE SAND: 1.9%		
MEDIAN or D_{50} :	301.8	1.728	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	1047.7	2.463	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	5.777	-36.614	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	866.4	2.530	FINE GRAVEL: 0.1%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.628	2.708	V FINE GRAVEL: 0.7%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	351.8	1.394	V COARSE SAND: 10.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	469.3	355.7	1.491	366.2	1.449	Medium Sand
SORTING (σ):	414.2	2.001	1.001	1.995	0.996	Moderately Sorted
SKEWNESS (Sk):	3.220	0.313	-0.313	0.357	-0.357	Very Coarse Skewed
KURTOSIS (K):	22.47	4.379	4.379	0.912	0.912	Mesokurtic

GRAIN SIZE DISTRIBUTION

