

SIEVING ERROR: 0.2%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-25-400**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 0.4%	COARSE SAND: 2.4%		
MODE 2:			SAND: 99.4%	MEDIUM SAND: 47.2%		
MODE 3:			MUD: 0.2%	FINE SAND: 46.5%		
D_{10} :	180.6	1.334		V FINE SAND: 2.0%		
MEDIAN or D_{50} :	253.1	1.982	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	396.7	2.469	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.196	1.851	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	216.1	1.135	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.550	1.382	V FINE GRAVEL: 0.4%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	112.8	0.633	V COARSE SAND: 1.3%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	297.7	261.1	1.937	255.0	1.972	Medium Sand
SORTING (σ):	229.5	1.538	0.621	1.395	0.480	Well Sorted
SKEWNESS (Sk):	7.135	0.591	-0.591	0.053	-0.053	Symmetrical
KURTOSIS (K):	71.63	14.89	14.89	1.134	1.134	Leptokurtic

GRAIN SIZE DISTRIBUTION

