

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-12-460**

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: 1.4%	COARSE SAND: 8.3%		
MODE 2:			SAND: 98.6%	MEDIUM SAND: 53.3%		
MODE 3:			MUD: 0.1%	FINE SAND: 35.3%		
D_{10} :	190.5	0.927		V FINE SAND: 0.5%		
MEDIAN or D_{50} :	285.8	1.807	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	526.0	2.392	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.762	2.582	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	335.6	1.466	FINE GRAVEL: 0.5%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.669	1.518	V FINE GRAVEL: 0.9%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	149.0	0.739	V COARSE SAND: 1.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	376.9	307.8	1.700	296.3	1.755	Medium Sand
SORTING (σ):	429.4	1.650	0.723	1.506	0.591	Moderately Well Sorted
SKEWNESS (Sk):	7.272	1.719	-1.719	0.239	-0.239	Coarse Skewed
KURTOSIS (K):	65.73	11.17	11.17	1.116	1.116	Leptokurtic

GRAIN SIZE DISTRIBUTION