

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **1188-1314 B-II-1 S-12**

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:	427.5	1.247	GRAVEL: 4.1%	COARSE SAND: 26.5%		
MODE 2:			SAND: 95.7%	MEDIUM SAND: 60.9%		
MODE 3:			MUD: 0.2%	FINE SAND: 4.2%		
D_{10} :	270.9	0.187		V FINE SAND: 0.5%		
MEDIAN or D_{50} :	434.5	1.202	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	878.2	1.884	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.242	10.06	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	607.4	1.697	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.710	2.002	V FINE GRAVEL: 4.1%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	243.1	0.774	V COARSE SAND: 3.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	590.6	471.6	1.085	445.0	1.168	Medium Sand
SORTING (σ):	557.8	1.779	0.831	1.638	0.712	Moderately Sorted
SKEWNESS (Sk):	3.689	0.733	-0.733	0.251	-0.251	Coarse Skewed
KURTOSIS (K):	17.29	9.302	9.302	1.441	1.441	Leptokurtic

GRAIN SIZE DISTRIBUTION