

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **1188-1314 B-II-2 S-2**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 12.1%	COARSE SAND: 5.2%		
MODE 2:			SAND: 87.8%	MEDIUM SAND: 38.3%		
MODE 3:			MUD: 0.1%	FINE SAND: 38.6%		
D_{10} :	185.1	-1.282		V FINE SAND: 0.6%		
MEDIAN or D_{50} :	287.2	1.800	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	2432.2	2.433	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	13.14	-1.898	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	2247.1	3.716	FINE GRAVEL: 4.7%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.142	1.988	V FINE GRAVEL: 7.4%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	246.5	1.099	V COARSE SAND: 5.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	762.3	399.8	1.323	406.3	1.299	Medium Sand
SORTING (σ):	1162.2	2.608	1.383	2.544	1.347	Poorly Sorted
SKEWNESS (Sk):	2.471	1.312	-1.312	0.604	-0.604	Very Coarse Skewed
KURTOSIS (K):	8.051	4.122	4.122	1.721	1.721	Very Leptokurtic

GRAIN SIZE DISTRIBUTION