

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **1188-1314 B-II-2 S-1**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 10.5%	COARSE SAND: 4.6%		
MODE 2:	4800.0	-2.243	SAND: 89.5%	MEDIUM SAND: 55.4%		
MODE 3:			MUD: 0.0%	FINE SAND: 26.8%		
D_{10} :	195.2	-1.160		V FINE SAND: 0.2%		
MEDIAN or D_{50} :	311.7	1.682	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	2234.5	2.357	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	11.45	-2.032	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	2039.4	3.517	FINE GRAVEL: 6.8%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.800	1.710	V FINE GRAVEL: 3.7%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	194.1	0.848	V COARSE SAND: 2.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	751.6	403.9	1.308	341.2	1.551	Medium Sand
SORTING (σ):	1225.3	2.431	1.282	2.097	1.068	Poorly Sorted
SKEWNESS (S_k):	2.680	1.746	-1.746	0.461	-0.461	Very Coarse Skewed
KURTOSIS (K):	8.689	5.371	5.371	2.220	2.220	Very Leptokurtic

GRAIN SIZE DISTRIBUTION