

SIEVING ERROR: 0.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **1188-1314 B-III-4 S-1**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, 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: 17.4%	COARSE SAND: 8.0%		
MODE 2:	4800.0	-2.243	SAND: 82.2%	MEDIUM SAND: 22.6%		
MODE 3:			MUD: 0.4%	FINE SAND: 41.7%		
D_{10} :	158.0	-1.660		V FINE SAND: 2.4%		
MEDIAN or D_{50} :	283.8	1.817	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	3160.6	2.662	COARSE GRAVEL: 0.0%	COARSE SILT: 0.1%		
(D_{90} / D_{10}) :	20.00	-1.603	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.1%		
$(D_{90} - D_{10})$:	3002.6	4.322	FINE GRAVEL: 5.9%	FINE SILT: 0.1%		
(D_{75} / D_{25}) :	4.899	221.7	V FINE GRAVEL: 11.5%	V FINE SILT: 0.1%		
$(D_{75} - D_{25})$:	790.2	2.293	V COARSE SAND: 7.5%	CLAY: 0.1%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	953.0	450.9	1.149	485.3	1.043	Medium Sand
SORTING (σ):	1315.8	3.117	1.640	3.130	1.646	Poorly Sorted
SKEWNESS (Sk):	1.840	0.699	-0.699	0.608	-0.608	Very Coarse Skewed
KURTOSIS (K):	5.191	2.844	2.844	0.888	0.888	Platykurtic

GRAIN SIZE DISTRIBUTION