

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **1188-1314 B-II-1 S-5**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 17.6%	COARSE SAND: 13.4%		
MODE 2:	3400.0	-1.743	SAND: 81.6%	MEDIUM SAND: 44.0%		
MODE 3:			MUD: 0.8%	FINE SAND: 14.6%		
D ₁₀ :	205.2	-1.632		V FINE SAND: 1.8%		
MEDIAN or D ₅₀ :	415.1	1.268	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D ₉₀ :	3100.5	2.285	COARSE GRAVEL: 0.0%	COARSE SILT: 0.1%		
(D ₉₀ / D ₁₀):	15.11	-1.400	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.1%		
(D ₉₀ - D ₁₀):	2895.2	3.917	FINE GRAVEL: 4.3%	FINE SILT: 0.1%		
(D ₇₅ / D ₂₅):	3.681	-37.483	V FINE GRAVEL: 13.2%	V FINE SILT: 0.1%		
(D ₇₅ - D ₂₅):	753.5	1.880	V COARSE SAND: 7.8%	CLAY: 0.1%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	1003.0	551.5	0.859	605.4	0.724	Coarse Sand
SORTING (σ):	1233.0	2.866	1.519	2.781	1.476	Poorly Sorted
SKEWNESS (Sk):	1.816	0.183	-0.183	0.477	-0.477	Very Coarse Skewed
KURTOSIS (K):	5.192	4.091	4.091	0.975	0.975	Mesokurtic

GRAIN SIZE DISTRIBUTION