

SIEVING ERROR: 0.0%

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

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	152.5	2.737	GRAVEL: 2.1%	COARSE SAND: 1.3%		
MODE 2:			SAND: 97.7%	MEDIUM SAND: 8.2%		
MODE 3:			MUD: 0.2%	FINE SAND: 73.5%		
D_{10} :	113.8	1.776		V FINE SAND: 13.3%		
MEDIAN or D_{50} :	174.9	2.515	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	292.1	3.136	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.568	1.766	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	178.3	1.360	FINE GRAVEL: 0.6%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.601	1.313	V FINE GRAVEL: 1.5%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	83.59	0.679	V COARSE SAND: 1.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	276.9	190.7	2.390	175.8	2.508	Fine Sand
SORTING (σ):	515.0	1.845	0.884	1.493	0.578	Moderately Well Sorted
SKEWNESS (Sk):	6.483	2.412	-2.412	0.155	-0.155	Coarse Skewed
KURTOSIS (K):	49.17	14.01	14.01	1.380	1.380	Leptokurtic

GRAIN SIZE DISTRIBUTION