

SIEVING ERROR: 0.2%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-14-90**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 1.5%	COARSE SAND: 15.1%		
MODE 2:			SAND: 98.4%	MEDIUM SAND: 42.1%		
MODE 3:			MUD: 0.1%	FINE SAND: 34.2%		
D_{10} :	172.5	0.312		V FINE SAND: 1.8%		
MEDIAN or D_{50} :	305.6	1.710	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	805.5	2.535	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.669	8.123	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	633.0	2.223	FINE GRAVEL: 0.4%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.177	2.031	V FINE GRAVEL: 1.1%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	254.3	1.122	V COARSE SAND: 5.3%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	445.6	339.0	1.561	330.3	1.598	Medium Sand
SORTING (σ):	472.3	1.903	0.928	1.850	0.888	Moderately Sorted
SKEWNESS (Sk):	4.884	0.883	-0.883	0.241	-0.241	Coarse Skewed
KURTOSIS (K):	36.40	5.011	5.011	1.129	1.129	Leptokurtic

GRAIN SIZE DISTRIBUTION

