

SIEVING ERROR: 0.1%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-59-260**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Sandy Gravel

SEDIMENT NAME: Sandy Fine Gravel

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	4800.0	-2.243	GRAVEL: 41.2%	COARSE SAND: 14.0%		
MODE 2:	302.5	1.747	SAND: 58.7%	MEDIUM SAND: 26.3%		
MODE 3:			MUD: 0.1%	FINE SAND: 5.6%		
D_{10} :	274.0	-2.265		V FINE SAND: 0.6%		
MEDIAN or D_{50} :	1243.5	-0.314	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	4806.3	1.868	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	17.54	-0.825	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	4532.3	4.133	FINE GRAVEL: 22.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	8.975	-0.705	V FINE GRAVEL: 19.2%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	3219.3	3.166	V COARSE SAND: 12.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	2012.5	1164.0	-0.219	1201.6	-0.265	Very Coarse Sand
SORTING (σ):	1771.8	3.092	1.629	3.095	1.630	Poorly Sorted
SKEWNESS (Sk):	0.565	-0.196	0.196	-0.063	0.063	Symmetrical
KURTOSIS (K):	1.706	1.909	1.909	0.584	0.584	Very Platykurtic

GRAIN SIZE DISTRIBUTION

