

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-24-260**

ANALYST & DATE: ,

SAMPLE TYPE: Trimodal, Poorly Sorted

TEXTURAL GROUP: Sandy Gravel

SEDIMENT NAME: Sandy Fine Gravel

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	4800.0	-2.243	GRAVEL: 30.0%	COARSE SAND: 13.7%		
MODE 2:	215.0	2.237	SAND: 69.8%	MEDIUM SAND: 16.5%		
MODE 3:	855.0	0.247	MUD: 0.1%	FINE SAND: 28.5%		
D_{10} :	157.4	-2.219		V FINE SAND: 2.5%		
MEDIAN or D_{50} :	568.0	0.816	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	4656.1	2.668	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	29.58	-1.202	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	4498.7	4.887	FINE GRAVEL: 18.2%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	12.60	-1.465	V FINE GRAVEL: 11.8%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	2573.6	3.656	V COARSE SAND: 8.6%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	1567.3	717.5	0.479	760.9	0.394	Coarse Sand
SORTING (σ):	1764.6	3.662	1.873	3.774	1.916	Poorly Sorted
SKEWNESS (Sk):	0.980	0.202	-0.202	0.245	-0.245	Coarse Skewed
KURTOSIS (K):	2.299	1.729	1.729	0.588	0.588	Very Platykurtic

GRAIN SIZE DISTRIBUTION