

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-49-200**

ANALYST & DATE: ,

SAMPLE TYPE: Trimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 10.6%	COARSE SAND: 8.5%		
MODE 2:	2400.0	-1.243	SAND: 89.2%	MEDIUM SAND: 18.9%		
MODE 3:	1200.0	-0.243	MUD: 0.2%	FINE SAND: 44.1%		
D_{10} :	131.5	-1.041		V FINE SAND: 7.2%		
MEDIAN or D_{50} :	245.2	2.028	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	2057.3	2.927	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	15.65	-2.813	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	1925.8	3.968	FINE GRAVEL: 0.1%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	4.296	6.173	V FINE GRAVEL: 10.5%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	578.8	2.103	V COARSE SAND: 10.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	662.8	360.3	1.473	367.0	1.446	Medium Sand
SORTING (σ):	845.4	2.770	1.470	2.822	1.497	Poorly Sorted
SKEWNESS (Sk):	1.951	0.718	-0.718	0.521	-0.521	Very Coarse Skewed
KURTOSIS (K):	5.961	2.780	2.780	0.893	0.893	Platykurtic

GRAIN SIZE DISTRIBUTION