

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-53-90**

ANALYST & DATE: ,

SAMPLE TYPE: Trimodal, Poorly Sorted

TEXTURAL GROUP: Sandy Gravel

SEDIMENT NAME: Sandy Very Fine Gravel

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	3400.0	-1.743	GRAVEL: 32.5%	COARSE SAND: 10.5%		
MODE 2:	215.0	2.237	SAND: 66.5%	MEDIUM SAND: 18.4%		
MODE 3:	107.5	3.237	MUD: 1.0%	FINE SAND: 17.0%		
D_{10} :	129.6	-1.805		V FINE SAND: 8.3%		
MEDIAN or D_{50} :	690.9	0.533	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	3493.7	2.948	COARSE GRAVEL: 0.0%	COARSE SILT: 0.2%		
(D_{90} / D_{10}) :	26.96	-1.633	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.2%		
$(D_{90} - D_{10})$:	3364.2	4.753	FINE GRAVEL: 3.1%	FINE SILT: 0.2%		
(D_{75} / D_{25}) :	10.46	-1.555	V FINE GRAVEL: 29.4%	V FINE SILT: 0.2%		
$(D_{75} - D_{25})$:	2266.5	3.386	V COARSE SAND: 12.3%	CLAY: 0.2%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	1401.1	702.5	0.509	727.0	0.460	Coarse Sand
SORTING (σ):	1366.1	3.722	1.896	3.553	1.829	Poorly Sorted
SKEWNESS (Sk):	0.792	-0.396	0.396	-0.004	0.004	Symmetrical
KURTOSIS (K):	2.306	2.617	2.617	0.639	0.639	Very Platykurtic

GRAIN SIZE DISTRIBUTION